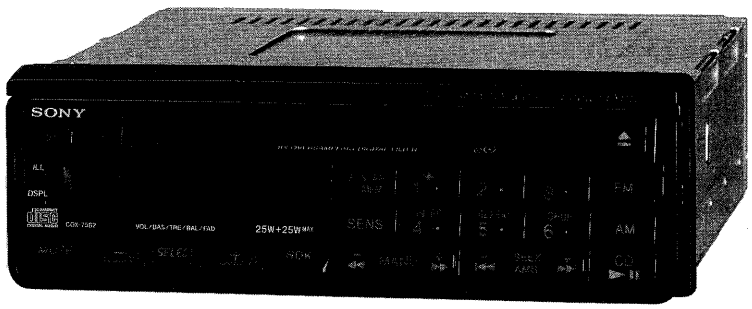
CDX-7582

SERVICE MANUAL

Germany Model



SPECIFICATIONS

Model Name Using Similar Mechanism	CDX-7581
CD Drive Mechanism Type	MG-200Z-33

Power amplifier section

Outputs: Speaker outputs (sure seal connectors)
Speaker impedance: 4 – 8 ohms
Maximum power output:
25 W × 2 (at 4 ohms)*
9 W × 4 (at 4 ohms)*
* Measured at 14.4 V

CD player section

System: Compact disc digital audio system
Frequency response: 10 – 20,000 Hz ±3 dB
Signal-to-noise ratio: 90 dB
Wow and flutter: Below measurable limit

General

Power requirements: 12 V DC car battery (negative ground)
Current drain: 800 mA (during CD playback)
2 A (during disc loading or eject)
Operating temperature: −10°C to 50°C
Dimensions: Approx. 182 × 53 × 166 mm (w/h/d)
Weight: Approx. 2.3 kg
Tone controls: Bass ±10 dB (100 Hz)
Treble ±10 dB (10 kHz)
Supplied accessories: Mounting hardware (1 set)
Optional accessories: Mounting kit
Cleaning cloth XP-CD1

Tuner section

	FM	AM
Tuning range	87.5 – 108.0 MHz	531 – 1,602 kHz
Antenna terminal	FM/AM external antenna connector	
Intermediate frequency	10.7 MHz	450 kHz
Usable sensitivity	12 dBf (1.1 μV/75 ohms)	35 μV
Selectivity	75 dB at ±400 kHz	—
Signal-to-noise ratio	70 dB (monaural) 65 dB (stereo)	55 dB
Harmonic distortion at 1 kHz	0.3% (monaural) 0.5% (stereo)	0.3%
Stereo separation	35 dB	—
Frequency response	30 Hz – 15,000 Hz ±3 dB	

Design and specifications subject to change without notice.

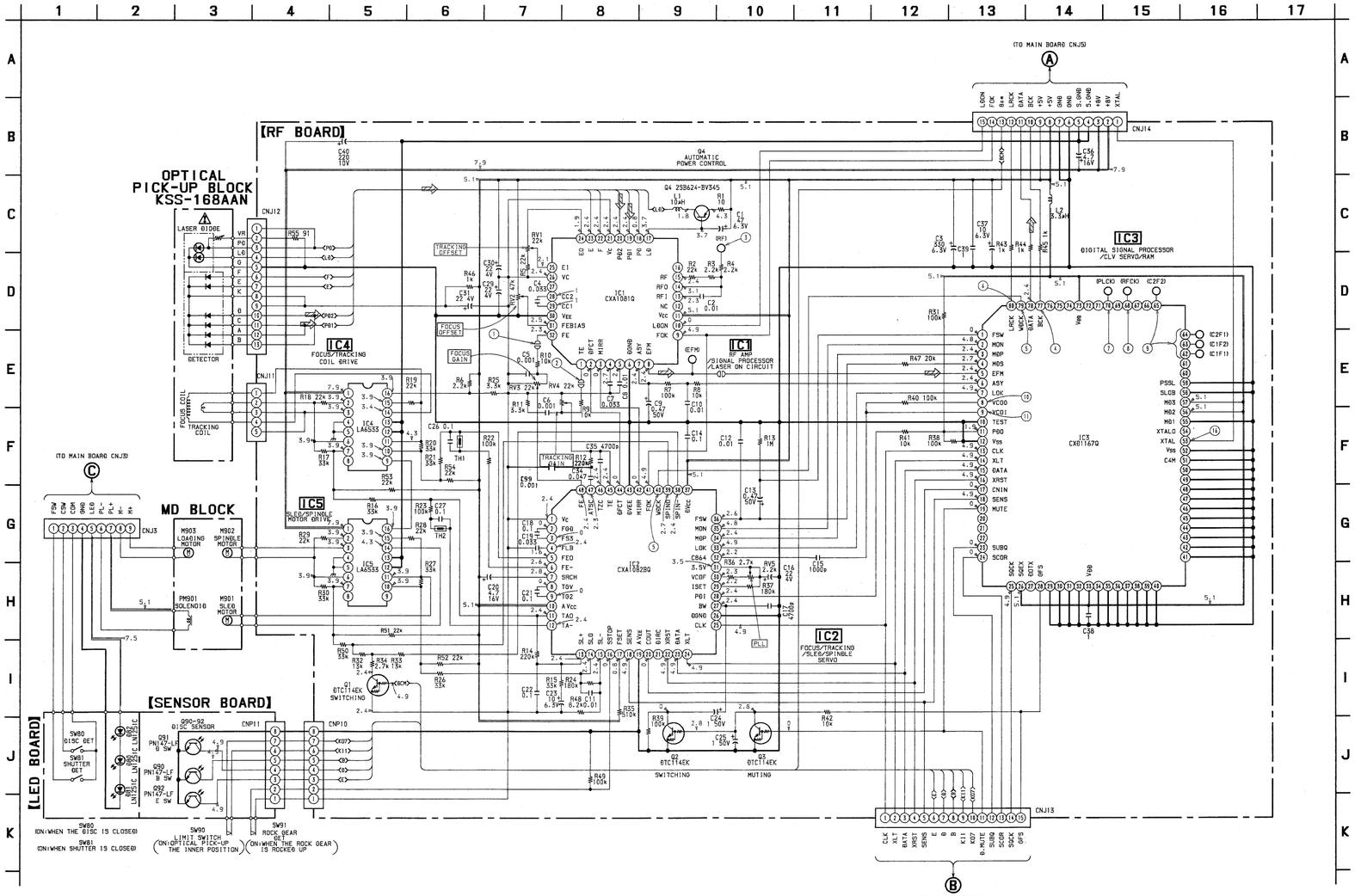
使用時は添付資料も参照のこと
Refer to the additional documents

FM/AM COMPACT DISC PLAYER

SONY®

5-4. SCHEMATIC DIAGRAM (MD Section)

- See page 30 for IC BLOCK DIAGRAMS.
- See page 33 for WAVEFORMS.



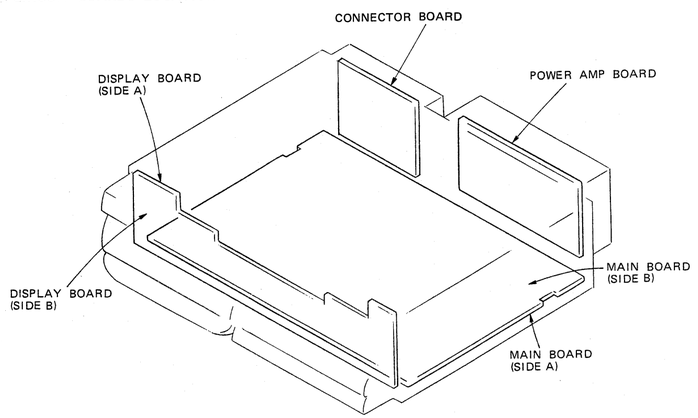
Note: (Main SECTION)

- All capacitors are in μF unless otherwise noted. pF: μμF 50WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in Ω and 1/10W or less unless otherwise specified.
- △ : internal component.
- ——— : B+ lines.
- Power voltage is dc 14.4V dc and fed with regulated dc power supply from external power voltage jack.
- Voltage and waveforms are dc with respect to ground under no signal conditions.
  no mark : FM
  ( ) : CD PLAY
  《 》: AM
- Voltages are taken with a VOM. (input impedance 10 MΩ) Voltage variations may be noted due to normal production tolerances.
- Waveforms are taken with a oscilloscope. Voltage variations may be noted due to normal production tolerances.
- Circled numbers refer to waveforms.
- Signal path.
  ⇨ : FM
  ⇛ : CD
  ⇛ : AUX

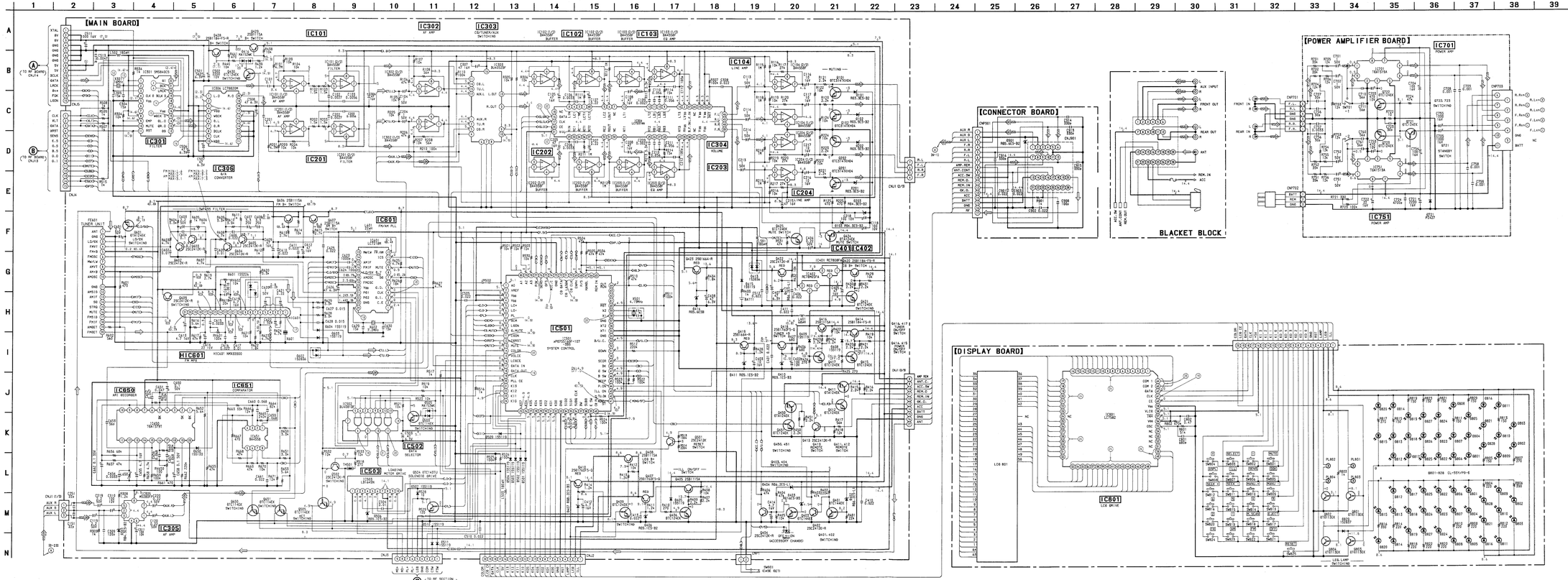
Note: (MD SECTION)

- All capacitors are in μF unless otherwise noted. pF: μμF 50WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in Ω and 1/10W or less unless otherwise specified.
- ——— : B+ lines.
- Power voltage is dc 14.4V dc and fed with regulated dc power supply from battery, accessory terminals..
- Voltage and waveforms are dc with respect to ground under no signal conditions.
  no mark : CD PLAY
- Circled numbers refer to waveforms.
- Signal path.
  ⇛ : CD

5-5. CIRCUIT BOARDS LOCATION



5-7. SCHEMATIC DIAGRAM (MAIN Section) ● See page 21 for note. ● See page 30 for IC BLOCK DIAGRAMS. ● See page 33 for WAVEFORMS.

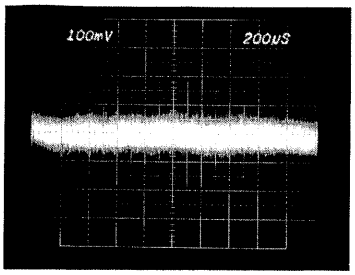


Note:

	Serial No.	
	up to 106,900	106,901 and later
IC501/ MAIN BOARD	μPD75516GF -107-3B9	μPD75516GF -160-3B9
SW801	MUTE	SDK
SW805/ DISPLAY BOARD	SDK	LOUD

5-10. WAVEFORMS

①



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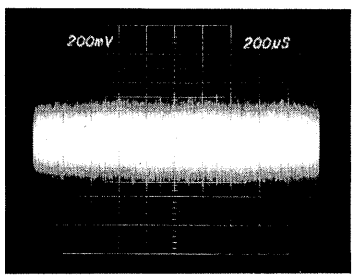

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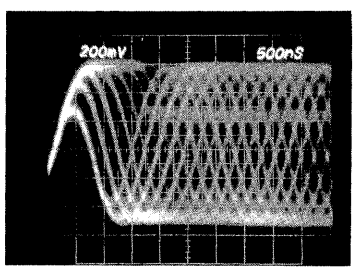

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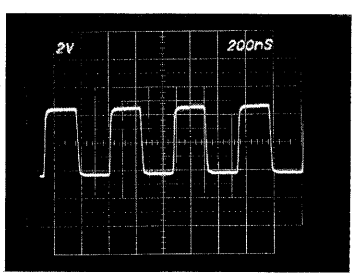

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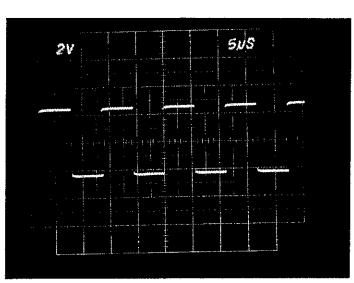

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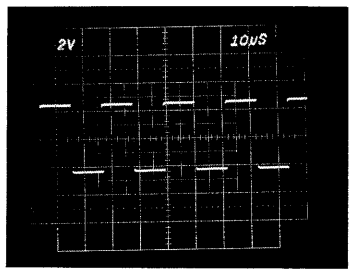

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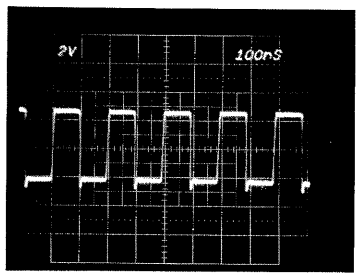

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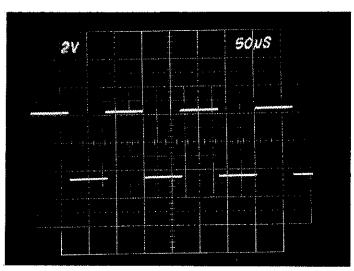

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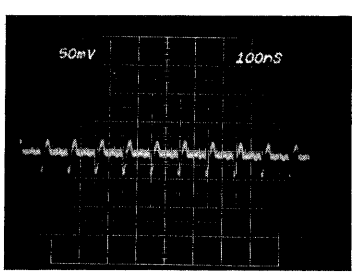

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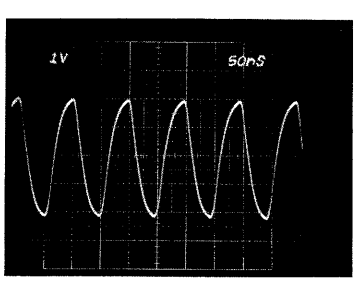

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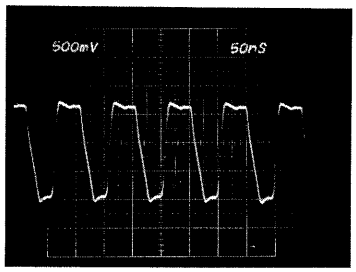

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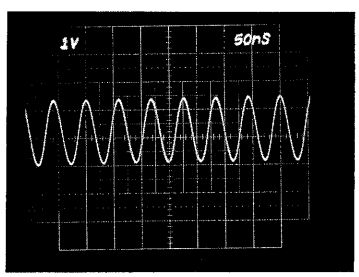

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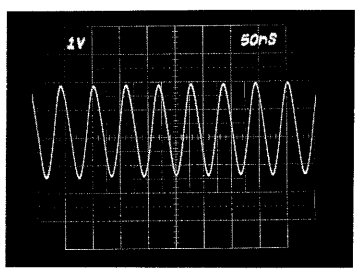

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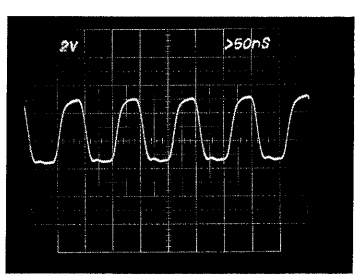

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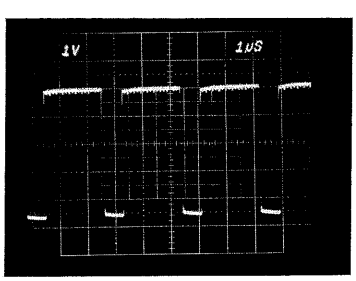

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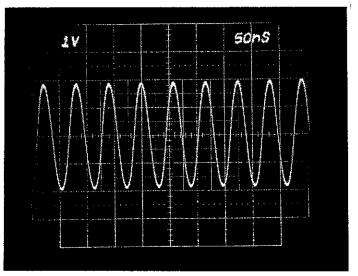
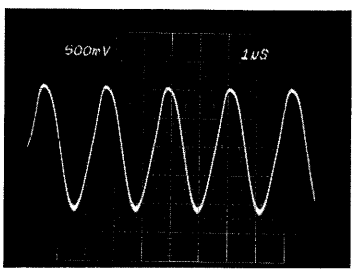
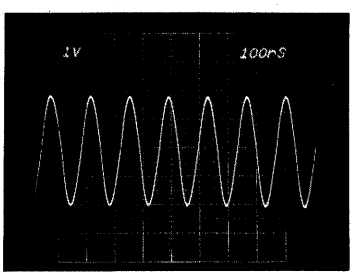

1V
50nS

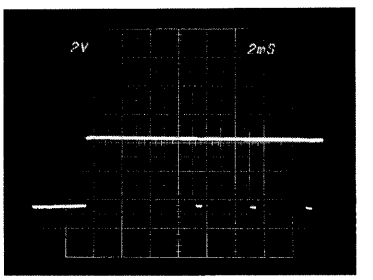
⑰


500mV
1uS

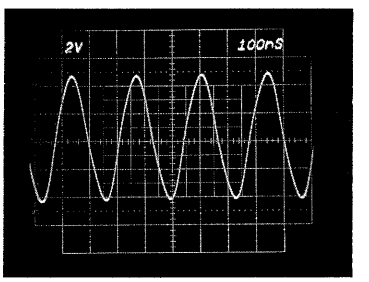
⑱


1V
100nS

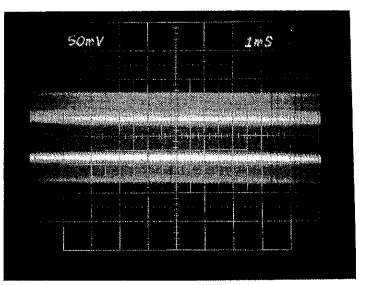
⑲


2V
2mS

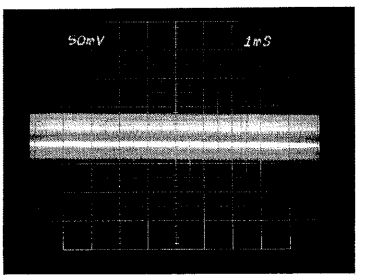
⑳


2V
100nS

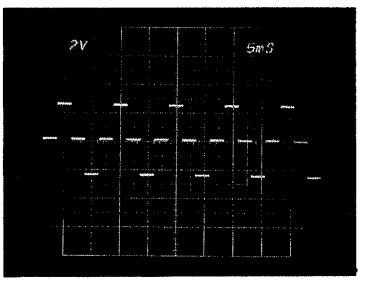
㉑


50mV
1mS

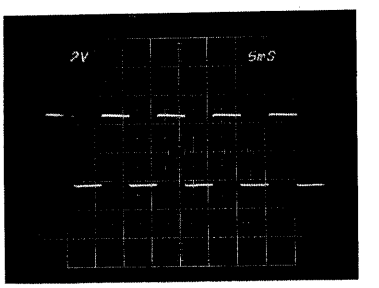
㉒


50mV
1mS

㉓


2V
5mS

㉔


2V
5mS

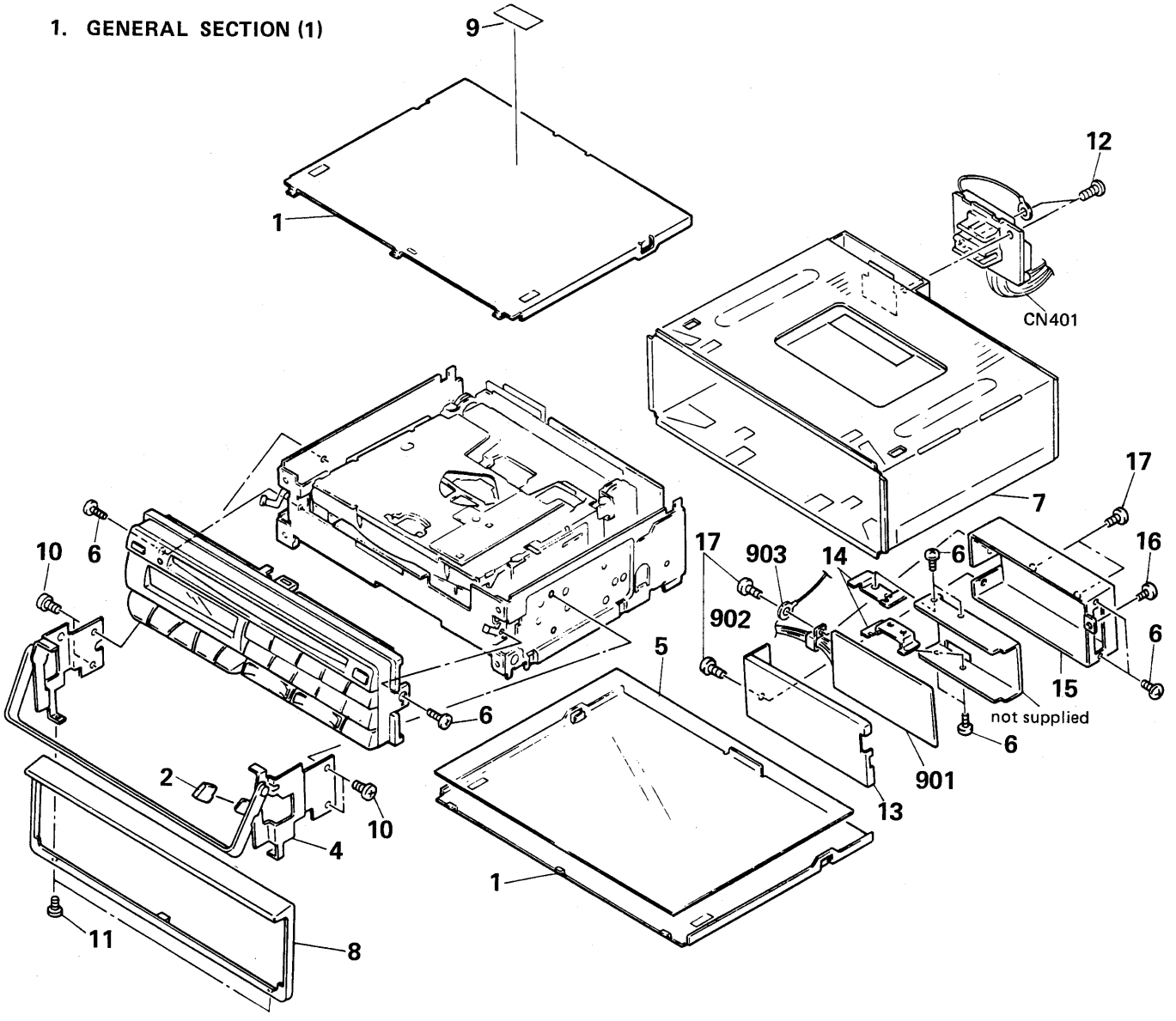
SECTION 6
EXPLODED VIEWS

NOTE:

- The mechanical parts with no reference number in the exploded views are not supplied.
- The construction parts of an assembled part are indicated with a collation number in the remark column.
- Items marked "★" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- Due to standardization, parts with part number suffix -XX and -X may be different from the parts specified in the components used on the set.
- Color Indication of Appearance Parts
  Example:
  (RED) . . . KNOB, BALANCE (WHITE)
  ↑ ↑
  Cabinet's Color Parts Color

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

1. GENERAL SECTION (1)

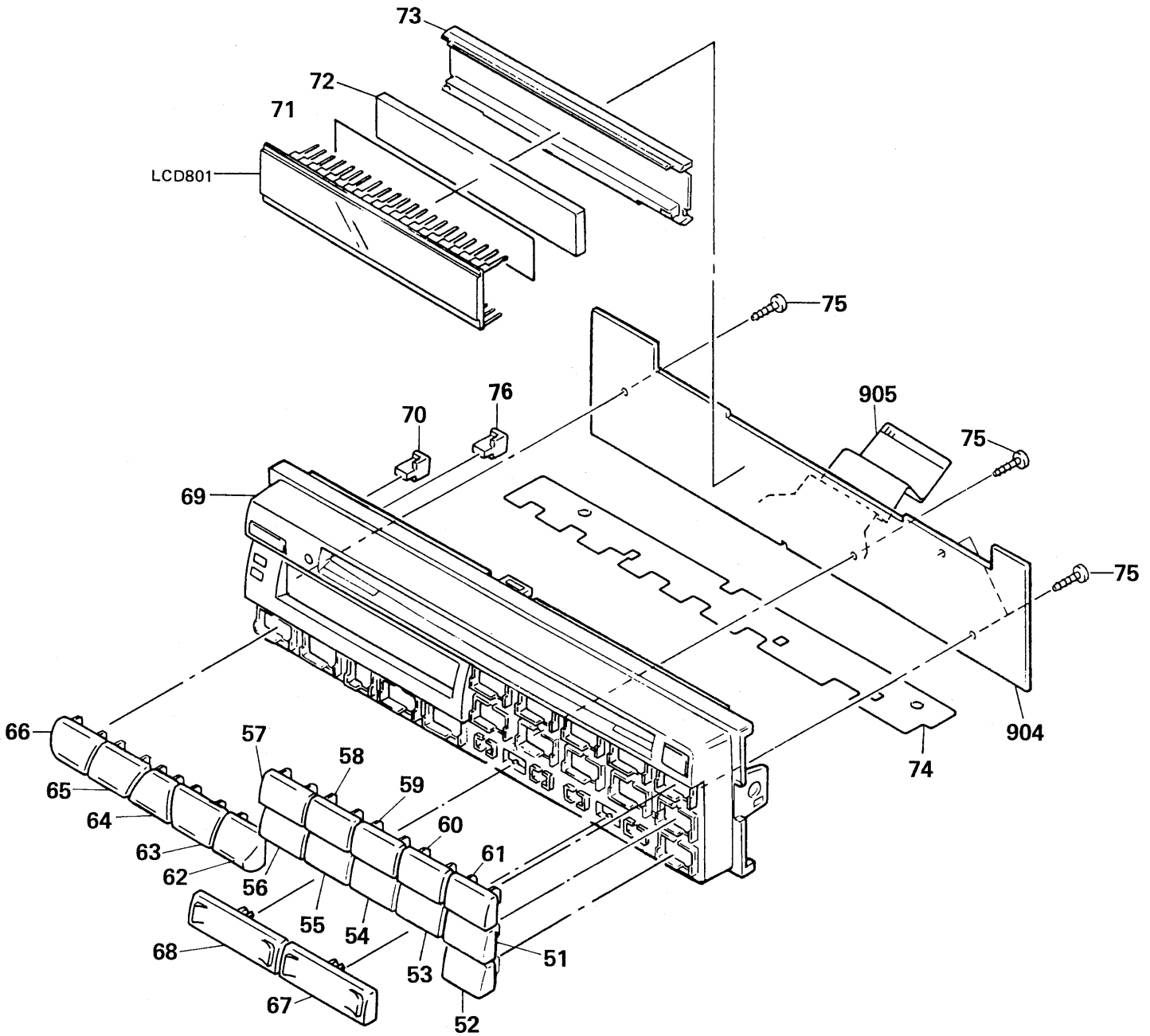


No.	Part No.	Description	Remarks
1	*3-355-249-01	COVER	
2	3-344-526-02	BUTTON (RELEASE)	
4	X-3344-508-1	HANDLE ASSY	
5	*3-355-254-01	SHEET, INSULATING	
6	7-621-770-67	SCREW +PTT 2.6X6 (S)	
7	*X-3339-431-1	BRACKET ASSY	
8	3-344-564-01	FRAME, ORNAMENTAL	
9	*3-355-277-01	LABEL, MODEL NUMBER	

No.	Part No.	Description	Remarks
10	3-344-561-01	SCREW (M4X5)	
11	7-627-553-38	SCREW, PRECISION +P 2X3	
12	7-682-148-01	SCREW +P 3X8	
13	*3-355-243-01	CASE (UPPER)	
14	*3-355-253-01	BRACKET	
15	*3-355-244-01	CASE (LOWER)	
16	7-682-546-04	SCREW +PTT 3X5 (S)	
17	7-685-133-19	SCREW +P 2.6X6 TYPE2 SLIT	
901	*A-3261-130-A	MOUNTED PCB, POWER AMP	
902	1-575-638-11	CORD (WITH CONNECTOR)	
903	1-575-616-11	CORD (WITH TERMINAL)	
CN401	1-575-614-11	CORD (WITH CONNECTOR)	

Note: #1: Serial No. up to 106,900
#2: Serial No. 106,901 and later

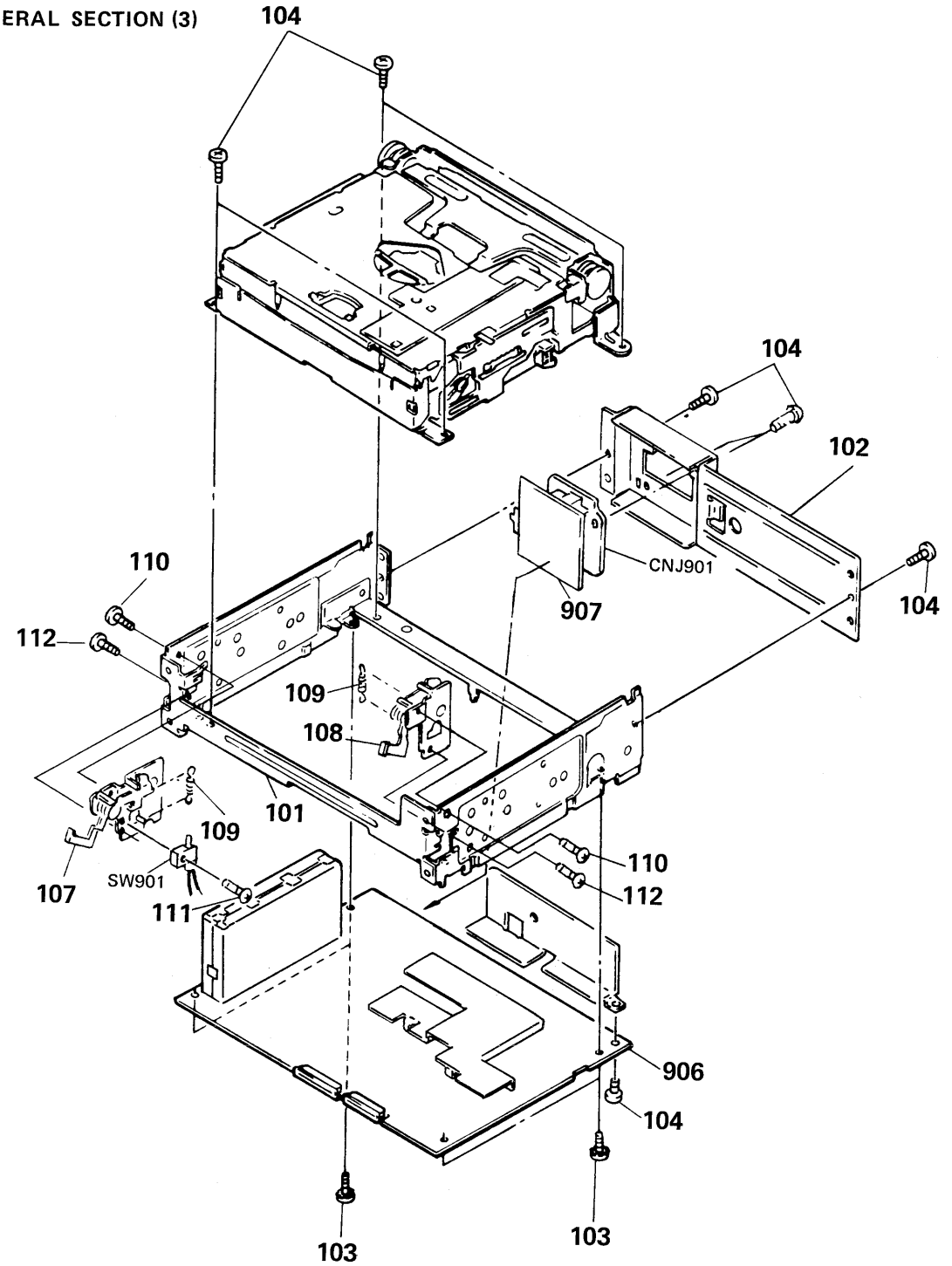
2. GENERAL SECTION (2)



No.	Part No.	Description	Remarks
51	3-355-261-01	BUTTON (N1,S)(AM)	
52	3-355-262-01	BUTTON (N1,RD)(CD/▶II)	
53	3-355-260-51	BUTTON (PRESET)(6/SHUF)	
54	3-355-260-41	BUTTON (PRESET)(5/REPEAT)	
55	3-355-260-31	BUTTON (PRESET)(4/INTRO)	
56	3-355-261-21	BUTTON (N1,S)(SENS)	
57	3-355-261-31	BUTTON (N1,S)(M.SCAN/A.MEM)	
58	3-355-260-01	BUTTON (PRESET)(1)	
59	3-355-260-11	BUTTON (PRESET)(2)	
60	3-355-260-21	BUTTON (PRESET)(3)	
61	3-355-261-11	BUTTON (N1,S)(FM)	
62	3-355-259-11	BUTTON (SDK) #1	
	3-355-259-01	BUTTON (LOUD) #2	
63	3-355-258-01	BUTTON (LEVEL +)	
64	3-355-257-01	BUTTON (SELECT)	

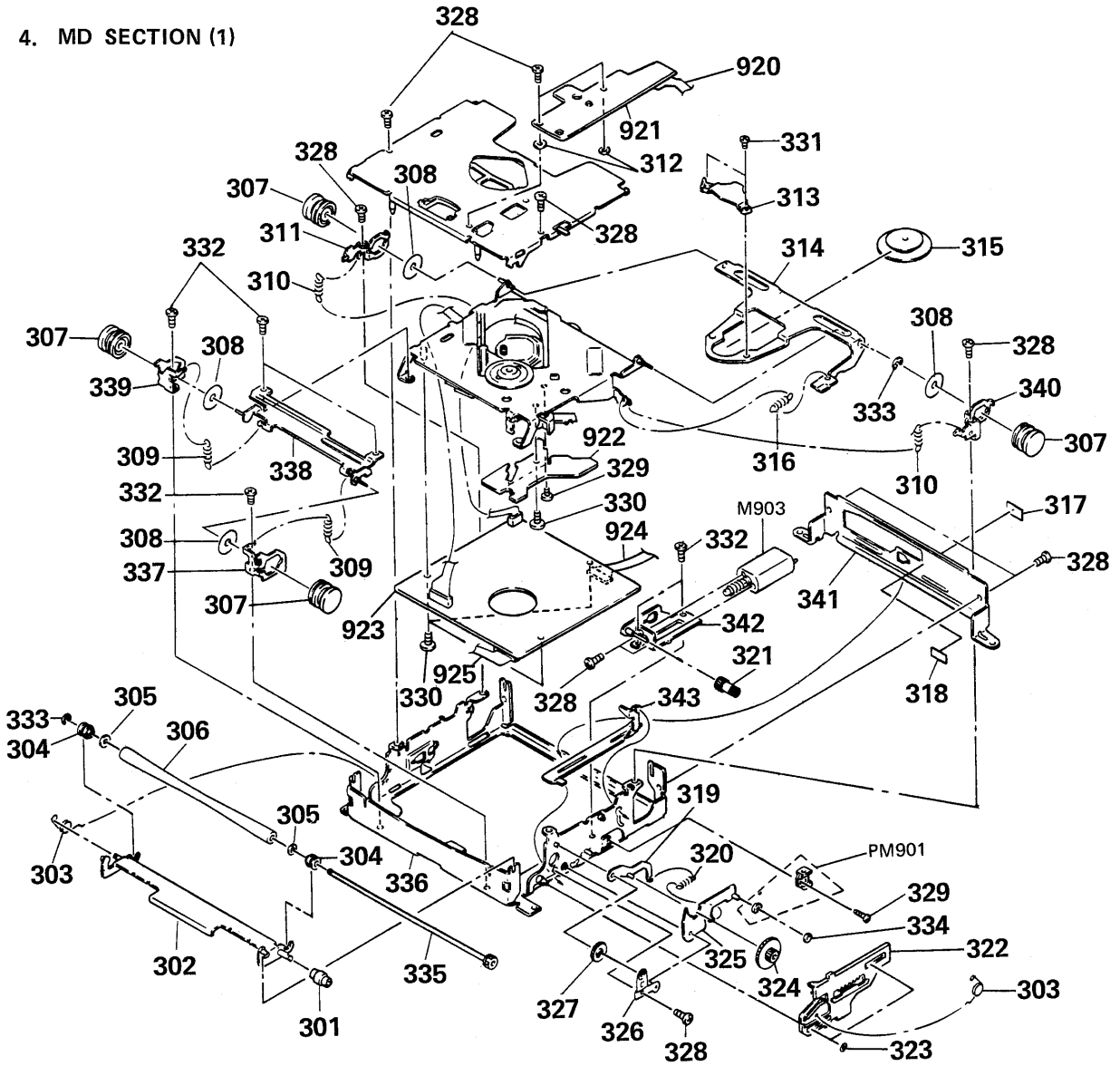
No.	Part No.	Description	Remarks
65	3-355-256-01	BUTTON (LEVEL -)	
66	3-355-255-01	BUTTON (MUTE) #1	
	3-355-255-11	BUTTON (SDK) #2	
67	3-355-263-11	BUTTON (M,S2)(SEEK/AMS)	
68	3-355-263-01	BUTTON (M,S2)(MANU)	
69	X-3339-439-1	PANEL ASSY, FRONT	
70	3-355-266-01	BUTTON (ILL)	
71	3-345-373-01	SHEET (DIFFUSION)	
72	*3-345-319-01	PLATE, LIGHT GUIDE	
73	*3-345-335-01	HOLDER (LCD)	
74	*3-355-272-01	PLATE (BUTTON), SHIELD	
75	7-685-103-19	SCREW +PTP 2X5 TYPE2 NON-SLIT	
76	3-355-289-01	BUTTON (DSPL)	
904	*A-3219-253-A	PC BOARD ASSY, DISPLAY	
905	1-634-335-11	PC BOARD, (D) FLEXIBLE	
LCD801	1-808-983-11	DISPLAY PANEL, LIQUID CRYSTAL	

3. GENERAL SECTION (3)



No.	Part No.	Description	Remarks
101	*X-3339-432-1	CHASSIS ASSY	
102	*3-355-250-01	PANEL (S), BACK	
103	3-344-501-11	SCREW (+ PTT 3X8), GROUND POINT	
104	7-685-863-01	SCREW +PTT 2.6X8 (S)	
107	X-3344-502-1	LOCK ASSY (LEFT)	
108	X-3344-503-1	LOCK ASSY (R)	
109	3-645-189-00	SPRING, TENSION	
110	7-627-553-38	SCREW, PRECISION +P 2X3	
111	7-621-283-00	SCREW + 2X5	
112	7-621-770-67	SCREW +PTT 2.6X6	
906	*A-3222-098-A	PC BOARD ASSY, MAIN	
907	*1-634-327-11	PC BOARD, CONNECTOR	
SW901	1-570-771-11	SWITCH	

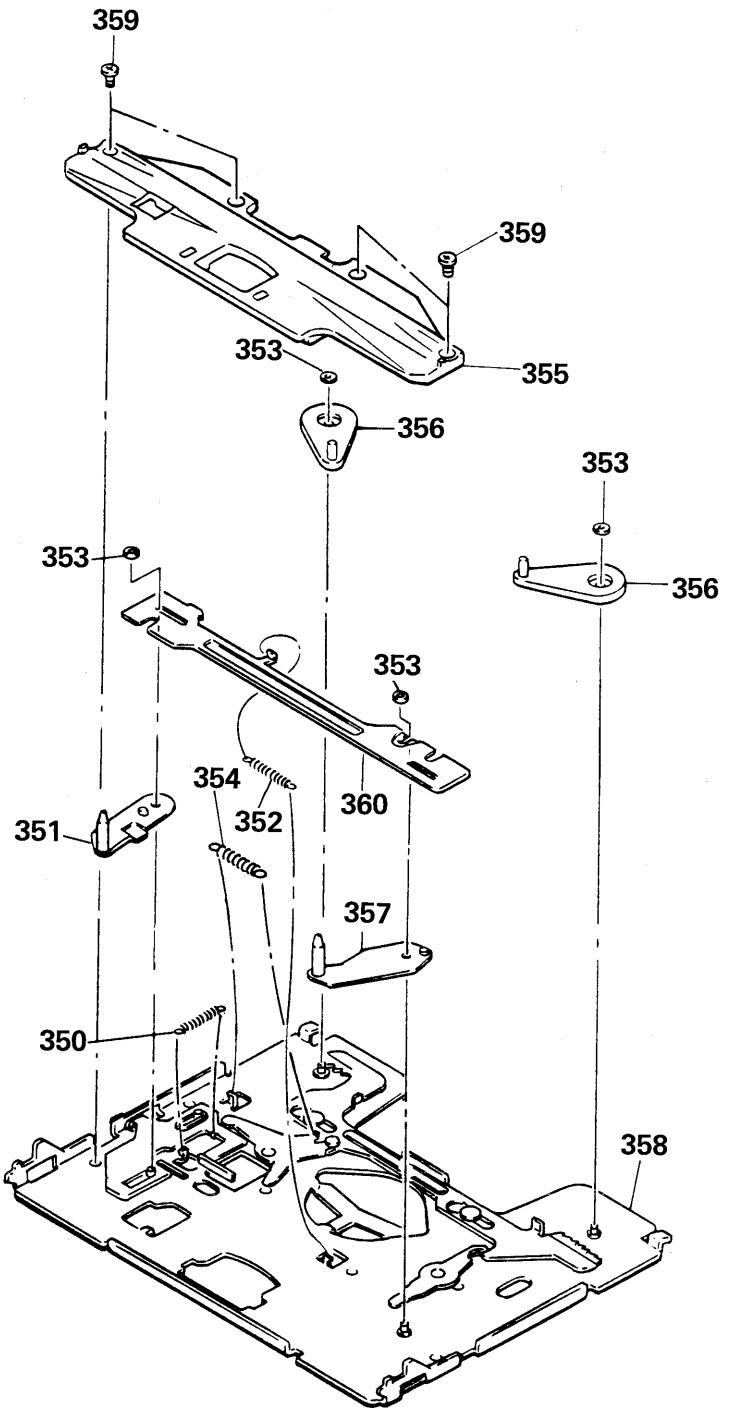
4. MD SECTION (1)



No.	Part No.	Description	Remarks
301	3-351-495-01	SLEEVE (2)	
302	*X-3351-422-1	BRACKET (ROLLER) ASSY	
303	3-351-437-01	SPRING (ROLLER)	
304	3-351-416-01	BEARING (ROLLER SHAFT)	
305	3-701-438-21	WASHER	
306	3-323-231-11	ROLLER (LOWER)	
307	3-330-929-11	DAMPER (S), HYPER	
308	3-323-263-01	WASHER, TEFLON	
309	3-351-444-01	SPRING (FLOATING A, B), TENSION	
310	3-351-445-01	SPRING (FLOATING C, D), TENSION	
311	*3-351-411-01	BRACKET (DAMPER D)	
312	3-892-464-01	SPACER, PC BOARD	
313	3-342-625-01	RETAINER (S2), THRUST	
314	*3-351-453-01	ARM, CHUCKING	
315	3-348-558-01	PLATE (F), CHUCK	
316	3-351-443-01	SPRING (CHUCKING), TENSION	
317	*3-351-470-01	SHEET, ADHESIVE	
318	*3-351-464-01	SHEET (SM), INSULATING	
319	*X-3351-420-1	LEVER (GEAR C) ASSY	
320	3-351-463-01	SPRING (SW LEVER 2), TENSION	
321	3-351-498-01	GEAR (B, WORM WHEEL)	
322	3-351-456-01	LEVER (L, E)	
323	3-578-224-00	WASHER	
324	3-351-438-01	GEAR, CAM	
325	*X-3351-421-1	LEVER (SW) ASSY	

No.	Part No.	Description	Remarks
326	*3-351-482-01	RETAINER (SIDE GEAR 2)	
327	3-351-414-01	GEAR (C)	
328	7-627-553-37	SCREW, PRECISION +P 2X3	
329	7-627-850-57	SCREW, PRECISION +P 1.4X3.5	
330	7-621-772-08	SCREW +B 2X3	
331	7-627-552-18	SCREW, PRECISION +P 1.7X1.6	
332	7-627-553-28	SCREW, PRECISION +P 2X2.5	
333	7-624-104-04	STOP RING 2.0, TYPE -E	
334	3-315-384-11	WASHER, STOPPER	
335	X-3351-413-1	ROLLER, SHAFT ASSY	
336	*X-3351-417-2	CHASSIS (MAIN) ASSY	
337	*3-351-492-01	BRACKET (DUMPER A)	
338	*X-3351-423-1	BRACKET (F) ASSY	
339	*3-351-493-01	BRACKET (DUMPER B)	
340	*3-351-494-01	BRACKET (DUMPER C)	
341	*3-351-483-01	BRACKET (REAR A)	
342	*X-3351-419-1	BRACKET (M) ASSY	
343	*X-3351-418-1	LEVER (CH RELEASE) ASSY	
920	1-634-332-11	PC BOARD, (A) FLEXIBLE	
921	*1-634-331-11	PC BOARD, LED	
922	*1-634-330-11	PC BOARD, SENSOR	
923	*A-3279-978-A	MOUNTED PCB, RF	
924	1-634-333-11	PC BOARD, (B) FLEXIBLE	
925	1-634-334-11	PC BOARD, (C) FLEXIBLE	
M903	A-3249-535-A	GEAR (A) ASSY (LOADING)	
PM901	1-454-461-11	SOLENOID, PLUNGER	

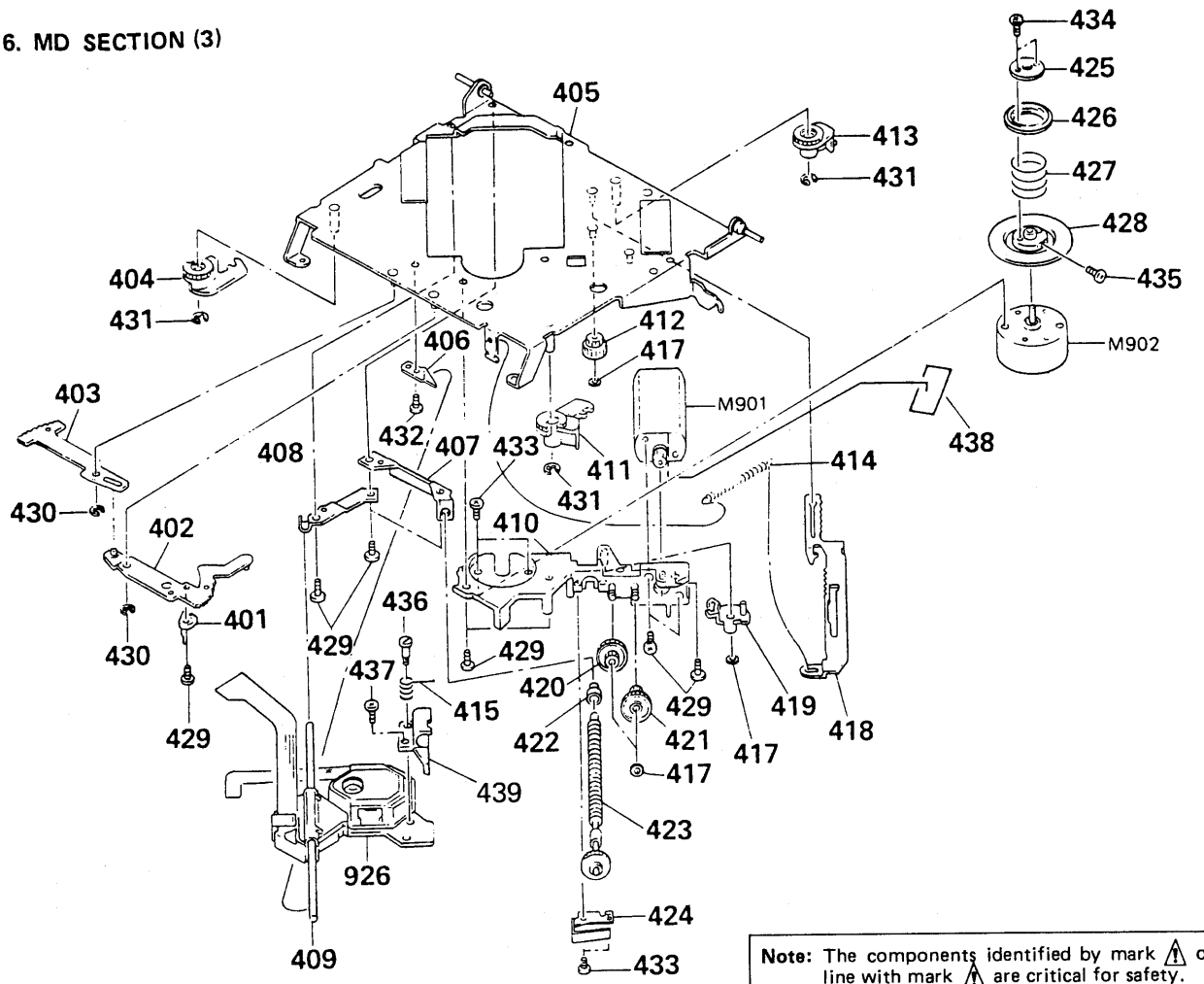
5. MD SECTION (2)



No.	Part No.	Description	Remarks
350	3-351-448-01	SPRING (LOCK LEVER), TENSION	
351	*X-3351-426-1	LEVER (D DETECTION R2) ASSY	
352	3-351-447-02	SPRING (JOINT F), TENSION	
353	3-578-224-00	WASHER	
354	3-351-446-01	SPRING (JOINT R), TENSION	

No.	Part No.	Description	Remarks
355	3-351-496-01	GUIDE (DISK 2)	
356	3-351-432-01	GEAR (DS)	
357	*X-3351-425-1	LEVER (D DETECTION L2) ASSY	
358	*X-3351-424-1	CHASSIS (T2) ASSY	
359	7-627-553-37	SCREW, PRECISION +P 2X3	
360	*3-351-489-02	JOINT (F2)	

6. MD SECTION (3)



Note: The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.

No.	Part No.	Description	Remarks
401	*2-643-407-01	PLATE, SWITCH	
402	*X-2641-534-1	LEVER (A) ASSY, LOCK	
403	*2-641-582-01	LEVER (B), LOCK	
404	2-643-414-02	GEAR (B), LOCK	
405	*X-2641-536-2	CHASSIS ASSY, MAIN	
406	2-643-402-01	RETAINER (B), SHAFT	
407	2-643-403-01	RETAINER, FEED SCREW	
408	2-643-401-01	RETAINER (A), SHAFT	
409	2-640-632-01	SHAFT, GUIDE	
410	*X-2641-535-2	CHASSIS ASSY, SUB	
411	2-643-413-02	GEAR (A), LOCK	
412	2-643-405-01	WHEEL, WORM	
413	2-641-599-02	GEAR (C), GEAR	
414	2-641-595-02	SPRING, TENSION	
415	2-643-420-01	SPRING	
416	2-643-412-02	NUT, FEED	
417	3-321-813-01	WASHER, COTTER POLYETHYLENE	
418	*2-641-583-02	LEVER (C), LOCK	
419	2-643-406-02	LEVER, SELECTION	
420	2-643-410-01	GEAR (E)	

No.	Part No.	Description	Remarks
421	2-643-409-01	GEAR (D)	
422	2-643-408-02	RETAINER, THRUST	
423	A-4910-184-B	SCREW ASSY, FEED	
424	2-643-404-01	SPRING	
425	2-640-650-01	STOPPER, RING	
426	2-643-418-01	RING, CENTER	
427	2-640-617-02	SPRING, COMPRESSION	
428	X-2641-541-1	TURNTABLE ASSY	
429	7-627-554-18	SCREW, PRECISION +P 2X3.5 TYPE1	
430	7-624-104-04	STOP RING 2.0, TYPE -E	
431	7-624-106-04	STOP RING 3.0, TYPE -E	
432	7-627-553-17	PRECISION SCREW +P 2X2 TYPE 3	
433	7-627-552-08	SCREW, PRECISION +P 1.7X2.5	
434	7-627-451-17	SCREW, PRECISION +K 1.4X2.5	
435	7-627-451-57	SCREW, PRECISION +K 1.4X4	
436	2-643-423-01	SCREW, SP	
437	7-627-852-17	+P 1.7X4	
438	3-351-469-01	SHEET, MOTOR	
439	2-625-272-02	NUT, FEED	
926	⚠ 8-848-124-11	DEVICE, OPTICAL KSS-168ARP	
M901	A-4910-183-A	MOTOR ASSY, SL (SLED)	
M902	1-541-448-41	MOTOR (SPINDLE)	

SECTION 7
ELECTRICAL PARTS LIST

NOTE:

- Due to standardization, replacements in the parts list may be different from the parts specified in the diagrams or the components used on the set.
- Items marked "★" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- If there are two or more same circuits in a set such as a stereophonic machine, only typical circuit parts may be indicated and capacitors and resistors in other same circuits may be omitted.

CAPACITORS:
MF: μF, PF: μμF.

RESISTORS
- All resistors are in ohms.
- F: nonflammable

COILS
- MMH: mH, UH: μH

SEMICONDUCTORS
In each case, U: μ, for example:
UA...: μA..., UPA...: μPA..., UPC...: μPC, UPD...: μPD...

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

(MAIN SECTION)

Ref.No.	Part No.	Description			
901	*A-3261-130-A	MOUNTED PCB, POWER AMP			
902	1-575-638-11	CORD (WITH CONNECTOR)			
903	1-575-616-11	CORD (WITH TERMINAL)			
904	*A-3219-253-A	PC BOARD ASSY, DISPLAY			
905	1-634-335-11	PC BOARD, (D) FLEXIBLE			
906	*A-3222-098-A	PC BOARD ASSY, MAIN			
907	*1-634-327-11	PC BOARD, CONNECTOR			
BT601	1-528-225-31	BATTERY, LITHIUM			
C101	1-136-165-00	FILM	0.1MF	5%	50V
C102	1-130-476-00	MYLAR	0.0027MF	5%	50V
C103	1-110-360-91	MYLAR	0.0056MF	5%	50V
C104	1-124-499-11	ELECT	1MF	20%	50V
C105	1-124-589-11	ELECT	47MF	20%	16V
C106	1-130-477-00	MYLAR	0.0033MF	5%	50V
C107	1-124-464-11	ELECT	0.22MF	20%	50V
C108	1-124-589-11	ELECT	47MF	20%	16V
C109	1-130-476-00	MYLAR	0.0027MF	5%	50V
C110	1-136-162-00	FILM	0.056MF	5%	50V
C111	1-136-162-00	FILM	0.056MF	5%	50V
C112	1-163-117-00	CERAMIC CHIP	100PF	5%	50V
C113	1-124-438-00	ELECT	1MF	20%	50V
C114	1-124-438-00	ELECT	1MF	20%	50V
C116	1-126-157-11	ELECT	10MF	20%	16V
C117	1-126-157-11	ELECT	10MF	20%	16V
C118	1-124-584-00	ELECT	100MF	20%	10V
C119	1-124-257-00	ELECT	2.2MF	20%	50V
C120	1-124-464-11	ELECT	0.22MF	20%	50V
C151	1-162-207-31	CERAMIC	22PF	5%	50V
C201	1-136-165-00	FILM	0.1MF	5%	50V
C202	1-130-476-00	MYLAR	0.0027MF	5%	50V
C203	1-110-360-91	MYLAR	0.0056MF	5%	50V
C204	1-124-499-11	ELECT	1MF	20%	50V
C205	1-124-589-11	ELECT	47MF	20%	16V
C206	1-130-477-00	MYLAR	0.0033MF	5%	50V
C207	1-124-464-11	ELECT	0.22MF	20%	50V
C208	1-124-589-11	ELECT	47MF	20%	16V
C209	1-130-476-00	MYLAR	0.0027MF	5%	50V
C210	1-136-162-00	FILM	0.056MF	5%	50V
C211	1-136-162-00	FILM	0.056MF	5%	50V
C212	1-163-117-00	CERAMIC CHIP	100PF	5%	50V
C213	1-124-438-00	ELECT	1MF	20%	50V
C214	1-124-438-00	ELECT	1MF	20%	50V
C215	1-124-589-11	ELECT	47MF	20%	16V
C216	1-126-157-11	ELECT	10MF	20%	16V
C217	1-126-157-11	ELECT	10MF	20%	16V
C218	1-124-584-00	ELECT	100MF	20%	10V
C219	1-124-257-00	ELECT	2.2MF	20%	50V
C220	1-124-464-11	ELECT	0.22MF	20%	50V
C251	1-162-207-31	CERAMIC	22PF	5%	50V
C304	1-163-097-00	CERAMIC CHIP	15PF	5%	50V
C305	1-163-097-00	CERAMIC CHIP	15PF	5%	50V
C306	1-124-589-11	ELECT	47MF	20%	16V
C307	1-124-589-11	ELECT	47MF	20%	16V
C308	1-163-037-11	CERAMIC CHIP	0.022MF	10%	25V
C309	1-163-119-00	CERAMIC CHIP	120PF	5%	50V
C310	1-124-584-00	ELECT	100MF	20%	10V
C311	1-124-584-00	ELECT	100MF	20%	10V
C401	1-163-037-11	CERAMIC CHIP	0.022MF	10%	25V
C402	1-124-584-00	ELECT	100MF	20%	10V
C403	1-126-157-11	ELECT	10MF	20%	16V
C404	1-124-464-11	ELECT	0.22MF	20%	50V
C405	1-124-589-11	ELECT	47MF	20%	16V
C406	1-163-037-11	CERAMIC CHIP	0.022MF	10%	25V
C407	1-126-154-11	ELECT	47MF	20%	6.3V
C408	1-126-154-11	ELECT	47MF	20%	6.3V
C410	1-163-037-11	CERAMIC CHIP	0.022MF	10%	25V
C411	1-163-037-11	CERAMIC CHIP	0.022MF	10%	25V
C412	1-126-281-11	ELECT	4.7MF	20%	16V
C413	1-163-037-11	CERAMIC CHIP	0.022MF	10%	25V
C414	1-126-281-11	ELECT	4.7MF	20%	16V
C501	1-126-247-11	ELECT	560MF	20%	6.3V
C502	1-126-927-11	ELECT	2200MF	20%	10V
C503	1-126-154-11	ELECT	47MF	20%	6.3V
C504	1-136-153-00	FILM	0.01MF	5%	50V
C505	1-163-037-11	CERAMIC CHIP	0.022MF	10%	25V
C506	1-126-154-11	ELECT	47MF	20%	6.3V
C507	1-126-154-11	ELECT	47MF	20%	6.3V
C508	1-126-154-11	ELECT	47MF	20%	6.3V
C510	1-163-037-11	CERAMIC CHIP	0.022MF	10%	25V
C511	1-124-360-00	ELECT	1000MF	20%	16V
C512	1-163-037-11	CERAMIC CHIP	0.022MF	10%	25V
C513	1-163-017-00	CERAMIC CHIP	0.0047MF	10%	50V
C514	1-163-101-00	CERAMIC CHIP	22PF	5%	50V
C601	1-124-257-00	ELECT	2.2MF	20%	50V
C602	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V
C603	1-124-257-00	ELECT	2.2MF	20%	50V
C604	1-136-165-00	FILM	0.1MF	5%	50V
C605	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V
C607	1-126-566-11	ELECT	3.3MF	20%	25V

Ref.No.	Part No.	Description			
C608	1-126-566-11	ELECT	3.3MF	20%	25V
C609	1-124-589-11	ELECT	47MF	20%	16V
C610	1-163-037-11	CERAMIC CHIP	0.022MF	10%	25V
C611	1-163-037-11	CERAMIC CHIP	0.022MF	10%	25V
C612	1-124-589-11	ELECT	47MF	20%	16V
C613	1-126-281-11	ELECT	4.7MF	20%	16V
C614	1-128-054-11	ELECT	22MF	20%	10V
C615	1-130-477-00	MYLAR	0.0033MF	5%	50V
C616	1-163-157-00	FILM	0.022MF	5%	50V
C617	1-136-153-00	FILM	0.01MF	5%	50V
C618	1-130-474-00	MYLAR	0.0018MF	5%	50V
C619	1-126-281-11	ELECT	4.7MF	20%	16V
C620	1-124-438-00	ELECT	1MF	20%	50V
C621	1-124-464-11	ELECT	0.22MF	20%	50V
C622	1-124-438-00	ELECT	1MF	20%	50V
C623	1-163-009-11	CERAMIC CHIP	0.001MF	10%	50V
C624	1-163-117-00	CERAMIC CHIP	100PF	5%	50V
C625	1-163-037-11	CERAMIC CHIP	0.022MF	10%	25V
C626	1-126-154-11	ELECT	47MF	20%	6.3V
C627	1-136-155-00	FILM	0.015MF	5%	50V
C628	1-136-155-00	FILM	0.015MF	5%	50V
C629	1-163-097-00	CERAMIC CHIP	15PF	5%	50V
C630	1-163-097-00	CERAMIC CHIP	15PF	5%	50V
C650	1-124-463-00	ELECT	0.1MF	20%	50V
C651	1-136-161-00	FILM	0.047MF	5%	50V
C652	1-136-161-00	FILM	0.047MF	5%	50V
C653	1-163-111-00	CERAMIC CHIP	56PF	5%	50V
C654	1-130-477-00	FILM	0.0033MF	5%	50V
C655	1-126-281-11	ELECT	4.7MF	20%	16V
C656	1-136-175-00	FILM	0.068MF	5%	50V
C657	1-136-175-00	FILM	0.068MF	5%	50V
C658	1-124-463-00	ELECT	0.1MF	20%	50V
C659	1-136-175-00	FILM	0.068MF	5%	50V
C660	1-136-175-00	FILM	0.068MF	5%	50V
C661	1-163-157-00	FILM	0.022MF	5%	50V
C662	1-131-402-00	TANTALUM	0.1MF	20%	35V
C701	1-124-438-00	ELECT	1MF	20%	50V
C702	1-124-438-00	ELECT	1MF	20%	50V
C703	1-126-925-11	ELECT	470MF	20%	10V
C704	1-126-933-71	ELECT	100MF	20%	16V
C705	1-124-360-00	ELECT	1000MF	20%	16V
C706	1-163-104-00	CERAMIC CHIP	30PF	5%	50V
C707	1-163-104-00	CERAMIC CHIP	30PF	5%	50V
C708	1-163-205-00	CERAMIC CHIP	0.001MF	10%	50V
C709	1-163-205-00	CERAMIC CHIP	0.001MF	10%	50V
C710	1-163-111-00	CERAMIC CHIP	56PF	5%	50V
C711	1-163-111-00	CERAMIC CHIP	56PF	5%	50V
C721	1-124-343-00	ELECT	2200MF	20%	16V
C722	1-124-234-00	ELECT	22MF	20%	16V
C723	1-163-104-00	CERAMIC CHIP	30PF	5%	50V
C724	1-163-017-00	CERAMIC CHIP	0.0047MF	10%	50V
C751	1-124-438-00	ELECT	1MF	20%	50V
C752	1-124-438-00	ELECT	1MF	20%	50V
C753	1-126-925-11	ELECT	470MF	20%	10V
C754	1-126-933-71	ELECT	100MF	20%	16V
C755	1-124-360-00	ELECT	1000MF	20%	16V
C756	1-163-104-00	CERAMIC CHIP	30PF	5%	50V

Ref.No.	Part No.	Description			
C757	1-164-182-11	CERAMIC CHIP	0.0033MF	10%	50V
C758	1-163-205-00	CERAMIC CHIP	0.001MF	10%	50V
C759	1-163-205-00	CERAMIC CHIP	0.001MF	10%	50V
C760	1-163-111-00	CERAMIC CHIP	56PF	5%	50V
C761	1-163-111-00	CERAMIC CHIP	56PF	5%	50V
C801	1-163-201-00	CERAMIC CHIP	680PF	5%	50V
C802	1-162-637-11	CERAMIC CHIP	0.47MF		16V
C901	1-163-063-00	CERAMIC CHIP	0.022MF	10%	50V
C902	1-163-063-00	CERAMIC CHIP	0.022MF	10%	50V
C903	1-163-063-00	CERAMIC CHIP	0.022MF	10%	50V
C908	1-163-181-00	CERAMIC CHIP	100PF	5%	50V
C913	1-163-129-00	CERAMIC CHIP	330PF	5%	50V
C914	1-163-129-00	CERAMIC CHIP	330PF	5%	50V
C915	1-163-129-00	CERAMIC CHIP	330PF	5%	50V
C916	1-163-129-00	CERAMIC CHIP	330PF	5%	50V
CN401	1-575-614-11	CORD (WITH CONNECTOR)			
CNJ1	*1-569-582-11	SOCKET, CONNECTOR 17P			
CNJ2	*1-563-003-21	SOCKET, CONNECTOR 20P			
CNJ3	*1-569-630-11	SOCKET, CONNECTOR 9P			
CNJ4	1-566-531-11	CONNECTOR, FPC (ZIF) 15P			
CNJ5	1-566-531-11	CONNECTOR, FPC (ZIF) 15P			
CNJ901	1-568-224-11	PLUG, CONNECTOR 28P			
CNP1	*1-506-984-11	PIN, CONNECTOR (PC BOARD) 2P			
CNP701	*1-506-988-11	PIN, CONNECTOR (PC BOARD) 6P			
CNP702	*1-564-214-11	PIN, CONNECTOR 3P			
CNP703	*1-569-362-11	CONNECTOR			
CNP901	*1-569-581-11	PIN, CONNECTOR 17P			
D101	8-719-109-72	DIODE RD3.9ES-B2			
D102	8-719-109-72	DIODE RD3.9ES-B2			
D103	8-719-109-75	DIODE RD4.3ES-B2			
D201	8-719-109-72	DIODE RD3.9ES-B2			
D202	8-719-109-72	DIODE RD3.9ES-B2			
D203	8-719-109-75	DIODE RD4.3ES-B2			
D301	8-719-109-75	DIODE RD4.3ES-B2			
D402	8-719-120-75	DIODE RD6.2ES-L1			
D403	8-719-110-46	DIODE RD16ES-B3			
D404	8-719-120-75	DIODE RD6.2ES-L1			
D405	8-719-911-19	DIODE 1SS119			
D406	8-719-110-13	DIODE RD9.1ES-B2			
D407	8-719-110-09	DIODE RD8.2ES-B3			
D408	8-719-911-19	DIODE 1SS119			
D409	8-719-911-19	DIODE 1SS119			
D410	8-719-110-14	DIODE RD9.1ES-B3			
D411	8-719-110-13	DIODE RD9.1ES-B2			
D412	8-719-120-75	DIODE RD6.2ES-L1			
D413	8-719-104-34	DIODE 1S2836			
D414	8-719-109-89	DIODE RD5.6ES-B2			
D415	8-719-911-19	DIODE 1SS119			
D416	8-719-400-18	DIODE MA152WK			
D501	8-719-911-19	DIODE 1SS119			
D502	8-719-911-19	DIODE 1SS119			
D503	8-719-911-19	DIODE 1SS119			
D504	8-719-911-19	DIODE 1SS119			
D505	8-719-400-18	DIODE MA152WK			
D506	8-719-110-13	DIODE RD9.1ES-B2			
D507	8-719-911-19	DIODE 1SS119			
D509	8-719-911-19	DIODE 1SS119			

Note: #1: Serial No. up to 106,900
#2: Serial No. 106,901 and later

Ref.No.	Part No.	Description
D510	8-719-911-19	DIODE 1SS119
D511	8-719-911-19	DIODE 1SS119
D601	8-719-800-76	DIODE 1SS226
D602	8-719-104-34	DIODE 1S2836
D603	8-719-911-19	DIODE 1SS119
D604	8-719-911-19	DIODE 1SS119
D650	8-719-911-19	DIODE 1SS119
D721	8-719-304-70	DIODE PZ427
D801	8-719-975-27	DIODE CL-55Y/PG-D
D802	8-719-975-27	DIODE CL-55Y/PG-D
D803	8-719-975-27	DIODE CL-55Y/PG-D
D804	8-719-975-27	DIODE CL-55Y/PG-D
D805	8-719-975-27	DIODE CL-55Y/PG-D
D806	8-719-975-27	DIODE CL-55Y/PG-D
D807	8-719-975-27	DIODE CL-55Y/PG-D
D808	8-719-975-27	DIODE CL-55Y/PG-D
D809	8-719-975-27	DIODE CL-55Y/PG-D
D810	8-719-975-27	DIODE CL-55Y/PG-D
D811	8-719-975-27	DIODE CL-55Y/PG-D
D812	8-719-975-27	DIODE CL-55Y/PG-D
D813	8-719-975-27	DIODE CL-55Y/PG-D
D814	8-719-975-27	DIODE CL-55Y/PG-D
D815	8-719-975-27	DIODE CL-55Y/PG-D
D816	8-719-975-27	DIODE CL-55Y/PG-D
D817	8-719-975-27	DIODE CL-55Y/PG-D
D818	8-719-975-27	DIODE CL-55Y/PG-D
D819	8-719-975-27	DIODE CL-55Y/PG-D
D820	8-719-975-27	DIODE CL-55Y/PG-D
D821	8-719-975-27	DIODE CL-55Y/PG-D
D822	8-719-975-27	DIODE CL-55Y/PG-D
D823	8-719-975-27	DIODE CL-55Y/PG-D
D824	8-719-975-27	DIODE CL-55Y/PG-D
D825	8-719-975-27	DIODE CL-55Y/PG-D
D826	8-719-975-27	DIODE CL-55Y/PG-D
D827	8-719-975-27	DIODE CL-55Y/PG-D
D828	8-719-975-27	DIODE CL-55Y/PG-D
D829	8-719-400-18	DIODE MA152WK
D901	8-719-109-89	DIODE RD5.6ES-B2
FE601	1-465-140-11	TUNER UNIT
HIC601	1-808-515-11	IC NMX3S900
IC101	8-759-909-71	IC BA4558F
IC102	8-759-909-71	IC BA4558F
IC103	8-759-909-71	IC BA4558F
IC104	8-759-909-71	IC BA4558F
IC201	8-759-909-71	IC BA4558F
IC202	8-759-909-71	IC BA4558F
IC203	8-759-909-71	IC BA4558F
IC204	8-759-909-71	IC BA4558F
IC301	8-759-501-31	IC SM5840CS
IC302	8-759-909-71	IC BA4558F
IC303	8-759-932-64	IC BU4052BF
IC304	8-759-820-15	IC LC7537AN
IC305	8-759-631-00	IC M5280FP
IC306	8-759-822-61	IC LC78820M
IC401	8-759-782-07	IC RC7808FA

Ref.No.	Part No.	Description
IC402	8-759-982-31	IC RC78M05FA
IC501	8-759-149-70	IC UPD75516GF-107-3B9 (#1)
	8-759-151-43	IC UPD75516GF-160-3B9 (#2)
IC502	8-759-937-86	IC BU4081BF
IC503	8-759-802-76	IC LB1645N
IC601	8-759-821-43	IC LC7218M
IC650	8-759-998-24	IC TDA1579T
IC651	8-759-909-71	IC BA4558F
IC701	8-759-501-33	IC TDA1519A
IC751	8-759-501-33	IC TDA1519A
IC801	8-759-821-44	IC LC7582
JR500	1-216-295-00	METAL GLAZE 0 5% 1/10W
L401	1-408-419-00	INDUCTOR 68UH
L501	1-408-424-00	INDUCTOR 180UH
L502	1-408-424-00	INDUCTOR 180UH
L503	1-408-424-00	INDUCTOR 180UH
L601	1-410-513-11	INDUCTOR 22UH
L650	1-424-036-11	COIL (FILTER)
LCD801	1-808-983-11	DISPLAY PANEL, LIQUID CRYSTAL
PL801	1-518-524-11	LAMP, PILOT
PL802	1-518-646-11	LAMP, PILOT
PL803	1-518-524-11	LAMP, PILOT
PL804	1-518-646-11	LAMP, PILOT
Q101	8-729-920-21	TRANSISTOR DTC314TKH04
Q102	8-729-920-21	TRANSISTOR DTC314TKH04
Q201	8-729-920-21	TRANSISTOR DTC314TKH04
Q202	8-729-920-21	TRANSISTOR DTC314TKH04
Q401	8-729-901-01	TRANSISTOR DTC144EK
Q402	8-729-901-78	TRANSISTOR 2SC2412K-R
Q403	8-729-901-01	TRANSISTOR DTC144EK
Q404	8-729-901-78	TRANSISTOR 2SC2412K-R
Q405	8-729-106-60	TRANSISTOR 2SB1115A
Q406	8-729-901-00	TRANSISTOR DTC124EK
Q407	8-729-921-48	TRANSISTOR 2SD1760F5-Q
Q408	8-729-106-60	TRANSISTOR 2SB1115A
Q409	8-729-901-00	TRANSISTOR DTC124EK
Q410	8-729-921-48	TRANSISTOR 2SD1760F5-Q
Q411	8-729-901-05	TRANSISTOR DTA124EK
Q413	8-729-901-78	TRANSISTOR 2SC2412K-R
Q414	8-729-922-47	TRANSISTOR 2SB1184-F5-R
Q415	8-729-901-00	TRANSISTOR DTC124EK
Q416	8-729-106-60	TRANSISTOR 2SB1115A
Q417	8-729-901-00	TRANSISTOR DTC124EK
Q418	8-729-921-48	TRANSISTOR 2SD1760F5-Q
Q419	8-729-903-63	TRANSISTOR 2SD1664-R
Q420	8-729-922-47	TRANSISTOR 2SB1184-F5-R
Q421	8-729-901-00	TRANSISTOR DTC124EK
Q422	8-729-901-78	TRANSISTOR 2SC2412K-R
Q423	8-729-903-63	TRANSISTOR 2SD1664-R
Q424	8-729-901-05	TRANSISTOR DTA124EK
Q425	8-729-901-00	TRANSISTOR DTC124EK
Q428	8-729-922-47	TRANSISTOR 2SB1184-F5-R
Q429	8-729-106-60	TRANSISTOR 2SB1115A
Q430	8-729-901-00	TRANSISTOR DTC124EK
Q450	8-729-901-05	TRANSISTOR DTA124EK
Q451	8-729-901-00	TRANSISTOR DTC124EK

Ref.No.	Part No.	Description
Q501	8-729-901-78	TRANSISTOR 2SC2412K-R
Q502	8-729-901-78	TRANSISTOR 2SC2412K-R
Q503	8-729-900-53	TRANSISTOR DTC114EK
Q504	8-729-922-94	TRANSISTOR DTC143TU
Q505	8-729-900-53	TRANSISTOR DTC114EK
Q601	8-729-901-05	TRANSISTOR DTA124EK
Q602	8-729-901-78	TRANSISTOR 2SC2412K-R
Q603	8-729-901-78	TRANSISTOR 2SC2412K-R
Q604	8-729-901-78	TRANSISTOR 2SC2412K-R
Q605	8-729-901-78	TRANSISTOR 2SC2412K-R
Q606	8-729-106-60	TRANSISTOR 2SB1115A
Q607	8-729-106-60	TRANSISTOR 2SB1115A
Q609	8-729-901-78	TRANSISTOR 2SC2412K-R
Q650	8-729-900-53	TRANSISTOR DTC114EK
Q651	8-729-900-53	TRANSISTOR DTC114EK
Q712	8-729-901-00	TRANSISTOR DTC124EK
Q721	8-729-901-00	TRANSISTOR DTC124EK
Q722	8-729-901-00	TRANSISTOR DTC124EK
Q723	8-729-901-00	TRANSISTOR DTC124EK
Q801	8-729-904-66	TRANSISTOR DTD113EK
Q802	8-729-904-66	TRANSISTOR DTD113EK
Q803	8-729-904-66	TRANSISTOR DTD113EK
Q804	8-729-904-66	TRANSISTOR DTD113EK
R101	1-216-286-00	METAL GLAZE 4.7M 5% 1/8W
R102	1-216-053-00	METAL GLAZE 1.5K 5% 1/10W
R103	1-216-053-00	METAL GLAZE 1.5K 5% 1/10W
R104	1-216-073-00	METAL GLAZE 10K 5% 1/10W
R105	1-216-073-00	METAL GLAZE 10K 5% 1/10W
R106	1-216-089-00	METAL GLAZE 47K 5% 1/10W
R107	1-216-073-00	METAL GLAZE 10K 5% 1/10W
R108	1-216-091-00	METAL GLAZE 56K 5% 1/10W
R109	1-216-073-00	METAL GLAZE 10K 5% 1/10W
R110	1-216-097-00	METAL GLAZE 100K 5% 1/10W
R111	1-216-121-00	METAL GLAZE 1M 5% 1/10W
R112	1-216-121-00	METAL GLAZE 1M 5% 1/10W
R113	1-216-061-00	METAL GLAZE 3.3K 5% 1/10W
R114	1-216-077-00	METAL GLAZE 15K 5% 1/10W
R115	1-216-121-00	METAL GLAZE 1M 5% 1/10W
R116	1-216-073-00	METAL GLAZE 10K 5% 1/10W
R117	1-216-083-00	METAL GLAZE 27K 5% 1/10W
R118	1-216-121-00	METAL GLAZE 1M 5% 1/10W
R119	1-216-073-00	METAL GLAZE 10K 5% 1/10W
R120	1-216-083-00	METAL GLAZE 27K 5% 1/10W
R121	1-216-057-00	METAL GLAZE 2.2K 5% 1/10W
R123	1-216-057-00	METAL GLAZE 2.2K 5% 1/10W
R124	1-216-073-00	METAL GLAZE 10K 5% 1/10W
R125	1-216-041-00	METAL GLAZE 470 5% 1/10W
R201	1-216-286-00	METAL GLAZE 4.7M 5% 1/8W
R202	1-216-053-00	METAL GLAZE 1.5K 5% 1/10W
R203	1-216-053-00	METAL GLAZE 1.5K 5% 1/10W
R204	1-216-073-00	METAL GLAZE 10K 5% 1/10W
R205	1-216-073-00	METAL GLAZE 10K 5% 1/10W
R206	1-216-089-00	METAL GLAZE 47K 5% 1/10W
R207	1-216-073-00	METAL GLAZE 10K 5% 1/10W
R208	1-216-091-00	METAL GLAZE 56K 5% 1/10W
R209	1-216-073-00	METAL GLAZE 10K 5% 1/10W

Ref.No.	Part No.	Description
R210	1-216-097-00	METAL GLAZE 100K 5% 1/10W
R211	1-216-121-00	METAL GLAZE 1M 5% 1/10W
R212	1-216-121-00	METAL GLAZE 1M 5% 1/10W
R213	1-216-061-00	METAL GLAZE 3.3K 5% 1/10W
R214	1-216-077-00	METAL GLAZE 15K 5% 1/10W
R215	1-216-121-00	METAL GLAZE 1M 5% 1/10W
R216	1-216-073-00	METAL GLAZE 10K 5% 1/10W
R217	1-216-083-00	METAL GLAZE 27K 5% 1/10W
R218	1-216-121-00	METAL GLAZE 1M 5% 1/10W
R219	1-216-073-00	METAL GLAZE 10K 5% 1/10W
R220	1-216-083-00	METAL GLAZE 27K 5% 1/10W
R221	1-216-057-00	METAL GLAZE 2.2K 5% 1/10W
R222	1-216-073-00	METAL GLAZE 10K 5% 1/10W
R223	1-216-057-00	METAL GLAZE 2.2K 5% 1/10W
R224	1-216-073-00	METAL GLAZE 10K 5% 1/10W
R225	1-216-041-00	METAL GLAZE 470 5% 1/10W
R304	1-216-073-00	METAL GLAZE 10K 5% 1/10W
R305	1-216-073-00	METAL GLAZE 10K 5% 1/10W
R306	1-216-073-00	METAL GLAZE 10K 5% 1/10W
R307	1-216-097-00	METAL GLAZE 100K 5% 1/10W
R308	1-216-051-00	METAL GLAZE 1.2K 5% 1/10W
R309	1-216-049-00	METAL GLAZE 1K 5% 1/10W
R401	1-216-081-00	METAL GLAZE 22K 5% 1/10W
R402	1-216-105-00	METAL GLAZE 220K 5% 1/10W
R403	1-216-089-00	METAL GLAZE 47K 5% 1/10W
R404	1-216-089-00	METAL GLAZE 47K 5% 1/10W
R405	1-216-073-00	METAL GLAZE 10K 5% 1/10W
R406	1-216-089-00	METAL GLAZE 47K 5% 1/10W
R407	1-216-206-00	METAL GLAZE 2.2K 5% 1/8W
R408	1-216-073-00	METAL GLAZE 10K 5% 1/10W
R409	1-216-206-00	METAL GLAZE 2.2K 5% 1/8W
R410	1-216-035-00	METAL GLAZE 270 5% 1/10W
R411	1-216-051-00	METAL GLAZE 1.2K 5% 1/10W
R412	1-216-073-00	METAL GLAZE 10K 5% 1/10W
R413	1-216-051-00	METAL GLAZE 1.2K 5% 1/10W
R414	1-216-051-00	METAL GLAZE 1.2K 5% 1/10W
R415	1-216-206-00	METAL GLAZE 2.2K 5% 1/8W
R416	1-216-206-00	METAL GLAZE 2.2K 5% 1/8W
R417	1-216-091-00	METAL GLAZE 56K 5% 1/10W
R418	1-216-075-00	METAL GLAZE 12K 5% 1/10W
R419	1-216-073-00	METAL GLAZE 10K 5% 1/10W
R420	1-216-206-00	METAL GLAZE 2.2K 5% 1/8W
R421	1-216-206-00	METAL GLAZE 2.2K 5% 1/8W
R422	1-216-073-00	METAL GLAZE 10K 5% 1/10W
R423	1-216-206-00	METAL GLAZE 2.2K 5% 1/8W
R424	1-216-206-00	METAL GLAZE 2.2K 5% 1/8W
R425	1-216-035-00	METAL GLAZE 270 5% 1/10W
R426	1-216-035-00	METAL GLAZE 270 5% 1/10W
R427	1-216-194-00	METAL GLAZE 680 5% 1/8W
R428	1-216-051-00	METAL GLAZE 1.2K 5% 1/10W
R429	1-216-073-00	METAL GLAZE 10K 5% 1/10W
R430	1-216-206-00	METAL GLAZE 2.2K 5% 1/8W
R431	1-216-206-00	METAL GLAZE 2.2K 5% 1/8W
R432	1-216-073-00	METAL GLAZE 10K 5% 1/10W
R433	1-216-049-00	METAL GLAZE 1K 5% 1/10W
R434	1-216-055-00	METAL GLAZE 1.8K 5% 1/10W
R436	1-216-194-00	METAL GLAZE 680 5% 1/8W

Ref.No.	Part No.	Description			
R438	1-216-073-00	METAL GLAZE	10K	5%	1/10W
R439	1-216-200-00	METAL GLAZE	1.2K	5%	1/8W
R440	1-216-073-00	METAL GLAZE	10K	5%	1/10W
R441	1-216-190-00	METAL GLAZE	470	5%	1/8W
R450	1-216-206-00	METAL GLAZE	2.2K	5%	1/8W
R451	1-216-206-00	METAL GLAZE	2.2K	5%	1/8W
R501	1-216-073-00	METAL GLAZE	10K	5%	1/10W
R502	1-216-073-00	METAL GLAZE	10K	5%	1/10W
R503	1-216-073-00	METAL GLAZE	10K	5%	1/10W
R504	1-216-089-00	METAL GLAZE	47K	5%	1/10W
R505	1-216-089-00	METAL GLAZE	47K	5%	1/10W
R506	1-216-089-00	METAL GLAZE	47K	5%	1/10W
R507	1-216-049-00	METAL GLAZE	1K	5%	1/10W
R508	1-216-049-00	METAL GLAZE	1K	5%	1/10W
R509	1-216-049-00	METAL GLAZE	1K	5%	1/10W
R510	1-216-089-00	METAL GLAZE	47K	5%	1/10W
R511	1-216-097-00	METAL GLAZE	100K	5%	1/10W
R512	1-216-105-00	METAL GLAZE	220K	5%	1/10W
R513	1-216-097-00	METAL GLAZE	100K	5%	1/10W
R514	1-216-105-00	METAL GLAZE	220K	5%	1/10W
R515	1-216-049-00	METAL GLAZE	1K	5%	1/10W
R516	1-216-049-00	METAL GLAZE	1K	5%	1/10W
R517	1-216-049-00	METAL GLAZE	1K	5%	1/10W
R518	1-216-035-00	METAL GLAZE	270	5%	1/10W
R519	1-216-073-00	METAL GLAZE	10K	5%	1/10W
R520	1-216-073-00	METAL GLAZE	10K	5%	1/10W
R521	1-216-073-00	METAL GLAZE	10K	5%	1/10W
R522	1-216-097-00	METAL GLAZE	100K	5%	1/10W
R523	1-216-097-00	METAL GLAZE	100K	5%	1/10W
R524	1-216-097-00	METAL GLAZE	100K	5%	1/10W
R525	1-216-097-00	METAL GLAZE	100K	5%	1/10W
R526	1-216-097-00	METAL GLAZE	100K	5%	1/10W
R528	1-216-001-00	METAL GLAZE	10	5%	1/10W
R529	1-216-027-00	METAL GLAZE	120	5%	1/10W
R530	1-216-073-00	METAL GLAZE	10K	5%	1/10W
R531	1-216-089-00	METAL GLAZE	47K	5%	1/10W
R532	1-216-073-00	METAL GLAZE	10K	5%	1/10W
R533	1-216-073-00	METAL GLAZE	10K	5%	1/10W
R601	1-216-041-00	METAL GLAZE	470	5%	1/10W
R602	1-216-049-00	METAL GLAZE	1K	5%	1/10W
R603	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W
R604	1-216-061-00	METAL GLAZE	3.3K	5%	1/10W
R605	1-216-049-00	METAL GLAZE	1K	5%	1/10W
R606	1-216-049-00	METAL GLAZE	1K	5%	1/10W
R607	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W
R608	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W
R609	1-216-061-00	METAL GLAZE	3.3K	5%	1/10W
R610	1-216-063-00	METAL GLAZE	3.9K	5%	1/10W
R611	1-216-049-00	METAL GLAZE	1K	5%	1/10W
R612	1-216-049-00	METAL GLAZE	1K	5%	1/10W
R613	1-216-059-00	METAL GLAZE	2.7K	5%	1/10W
R614	1-216-073-00	METAL GLAZE	10K	5%	1/10W
R615	1-216-059-00	METAL GLAZE	2.7K	5%	1/10W
R616	1-216-067-00	METAL GLAZE	5.6K	5%	1/10W
R617	1-216-089-00	METAL GLAZE	47K	5%	1/10W
R618	1-216-080-00	METAL GLAZE	20K	5%	1/10W
R619	1-216-059-00	METAL GLAZE	2.7K	5%	1/10W

Ref.No.	Part No.	Description			
R620	1-216-061-00	METAL GLAZE	3.3K	5%	1/10W
R621	1-216-073-00	METAL GLAZE	10K	5%	1/10W
R622	1-216-055-00	METAL GLAZE	1.8K	5%	1/10W
R623	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W
R624	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W
R625	1-216-214-00	METAL GLAZE	4.7K	5%	1/8W
R626	1-216-079-00	METAL GLAZE	18K	5%	1/10W
R627	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W
R628	1-216-061-00	METAL GLAZE	3.3K	5%	1/10W
R629	1-216-061-00	METAL GLAZE	3.3K	5%	1/10W
R650	1-216-061-00	METAL GLAZE	3.3K	5%	1/10W
R651	1-216-061-00	METAL GLAZE	3.3K	5%	1/10W
R652	1-216-067-00	METAL GLAZE	5.6K	5%	1/10W
R653	1-216-067-00	METAL GLAZE	5.6K	5%	1/10W
R654	1-216-116-00	METAL GLAZE	620K	5%	1/10W
R655	1-216-089-00	METAL GLAZE	47K	5%	1/10W
R656	1-216-093-00	METAL GLAZE	68K	5%	1/10W
R657	1-216-089-00	METAL GLAZE	47K	5%	1/10W
R658	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W
R659	1-216-097-00	METAL GLAZE	100K	5%	1/10W
R660	1-216-117-00	METAL GLAZE	680K	5%	1/10W
R661	1-216-041-00	METAL GLAZE	470	5%	1/10W
R662	1-216-105-00	METAL GLAZE	220K	5%	1/10W
R663	1-216-085-00	METAL GLAZE	33K	5%	1/10W
R664	1-216-095-00	METAL GLAZE	82K	5%	1/10W
R665	1-216-106-00	METAL GLAZE	240K	5%	1/10W
R666	1-216-075-00	METAL GLAZE	12K	5%	1/10W
R667	1-216-041-00	METAL GLAZE	470	5%	1/10W
R668	1-216-089-00	METAL GLAZE	47K	5%	1/10W
R669	1-216-089-00	METAL GLAZE	47K	5%	1/10W
R670	1-216-073-00	METAL GLAZE	10K	5%	1/10W
R671	1-216-075-00	METAL GLAZE	12K	5%	1/10W
R701	1-216-748-11	METAL GLAZE	39K	5%	1/10W
R702	1-216-748-11	METAL GLAZE	39K	5%	1/10W
R703	1-216-075-00	METAL GLAZE	12K	5%	1/10W
R704	1-216-075-00	METAL GLAZE	12K	5%	1/10W
R705	1-216-075-00	METAL GLAZE	12K	5%	1/10W
R706	1-216-075-00	METAL GLAZE	12K	5%	1/10W
R721	1-216-037-00	METAL GLAZE	330	5%	1/10W
R722	1-216-001-00	METAL GLAZE	10	5%	1/10W
R723	1-216-097-00	METAL GLAZE	100K	5%	1/10W
R724	1-216-089-00	METAL GLAZE	47K	5%	1/10W
R751	1-216-748-11	METAL GLAZE	39K	5%	1/10W
R752	1-216-748-11	METAL GLAZE	39K	5%	1/10W
R753	1-216-075-00	METAL GLAZE	12K	5%	1/10W
R754	1-216-075-00	METAL GLAZE	12K	5%	1/10W
R755	1-216-075-00	METAL GLAZE	12K	5%	1/10W
R756	1-216-075-00	METAL GLAZE	12K	5%	1/10W
R801	1-216-239-00	METAL GLAZE	51K	5%	1/8W
R802	1-216-262-00	METAL GLAZE	470K	5%	1/8W
R803	1-216-198-00	METAL GLAZE	1K	5%	1/8W
R804	1-216-182-00	METAL GLAZE	220	5%	1/8W
R805	1-216-178-00	METAL GLAZE	150	5%	1/8W
R806	1-216-188-00	METAL GLAZE	390	5%	1/8W
R807	1-216-184-00	METAL GLAZE	270	5%	1/8W
R808	1-216-182-00	METAL GLAZE	220	5%	1/8W
R809	1-216-178-00	METAL GLAZE	150	5%	1/8W

Note: #1: Serial No. up to 106,900
#2: Serial No. 106,901 and later

Ref.No.	Part No.	Description			
R810	1-216-182-00	METAL GLAZE	220	5%	1/8W
R811	1-216-178-00	METAL GLAZE	150	5%	1/8W
R812	1-216-182-00	METAL GLAZE	220	5%	1/8W
R813	1-216-178-00	METAL GLAZE	150	5%	1/8W
R814	1-216-182-00	METAL GLAZE	220	5%	1/8W
R815	1-216-178-00	METAL GLAZE	150	5%	1/8W
R816	1-216-188-00	METAL GLAZE	390	5%	1/8W
R817	1-216-184-00	METAL GLAZE	270	5%	1/8W
R818	1-216-182-00	METAL GLAZE	220	5%	1/8W
R819	1-216-178-00	METAL GLAZE	150	5%	1/8W
R820	1-216-182-00	METAL GLAZE	220	5%	1/8W
R821	1-216-178-00	METAL GLAZE	150	5%	1/8W
R822	1-216-182-00	METAL GLAZE	220	5%	1/8W
R823	1-216-178-00	METAL GLAZE	150	5%	1/8W
R901	1-216-198-00	METAL GLAZE	1K	5%	1/8W
RV601	1-238-207-11	RES, ADJ, METAL GLAZE 100K			
RV602	1-238-204-11	RES, ADJ, METAL GLAZE 10K			
SW501	1-553-510-00	SWITCH, SLIDE			
SW701	1-570-827-11	SWITCH, SLIDE (SSJ3)			
SW801	1-554-813-41	SWITCH, KEY BOARD (MUTE) #1			
	1-554-813-41	SWITCH, KEY BOARD (SDK) #2			
SW802	1-554-813-41	SWITCH, KEY BOARD (-)			
SW803	1-554-813-41	SWITCH, KEY BOARD (SELECT)			
SW804	1-554-813-41	SWITCH, KEY BOARD (+)			
SW805	1-554-813-41	SWITCH, KEY BOARD (SDK) #1			
	1-554-813-41	SWITCH, KEY BOARD (LOUD) #2			
SW806	1-554-813-41	SWITCH, KEY BOARD (SENS)			
SW807	1-571-938-21	SWITCH, KEY BOARD (ILL)			
SW808	1-571-938-21	SWITCH, KEY BOARD (DISP)			
SW809	1-554-813-41	SWITCH, KEY BOARD (MUTE -)			
SW810	1-554-813-41	SWITCH, KEY BOARD (MUTE +)			
SW811	1-554-813-41	SWITCH, KEY BOARD (SEEK -)			
SW812	1-554-813-41	SWITCH, KEY BOARD (SEEK +)			
SW813	1-554-813-41	SWITCH, KEY BOARD (3)			
SW814	1-554-813-41	SWITCH, KEY BOARD (4)			
SW815	1-554-813-41	SWITCH, KEY BOARD (5)			
SW816	1-554-813-41	SWITCH, KEY BOARD (6)			

Ref.No.	Part No.	Description
SW817	1-554-813-41	SWITCH, KEY BOARD (⏏)
SW818	1-554-813-41	SWITCH, KEY BOARD (M.SCAN)
SW819	1-554-813-41	SWITCH, KEY BOARD (1)
SW820	1-554-813-41	SWITCH, KEY BOARD (2)
SW821	1-554-813-41	SWITCH, KEY BOARD (OFF)
SW822	1-554-813-41	SWITCH, KEY BOARD (FM)
SW823	1-554-813-41	SWITCH, KEY BOARD (AM)
SW824	1-554-813-41	SWITCH, KEY BOARD (CD)
SW825	1-571-938-21	SWITCH, KEY BOARD (RESET)
SW901	1-570-771-11	SWITCH
TH501	1-808-656-11	THERMISTOR
X301	1-567-820-11	VIBRATOR, CRYSTAL (16MHz)
X501	1-567-775-11	VIBRATOR, CERAMIC (4.19MHz)
X601	1-567-250-11	OSCILLATOR, CERAMIC (4.56MHz)
X602	1-567-848-11	VIBRATOR, CRYSTAL (7.2MHz)

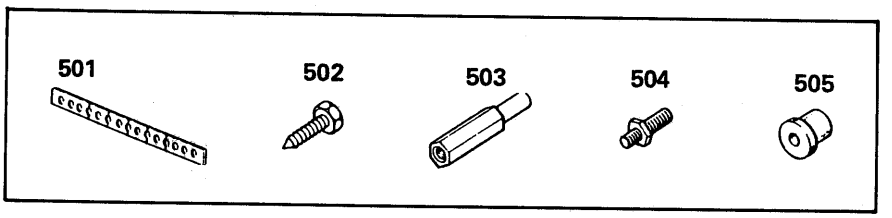
ACCESSORY & PACKING MATERIAL

1-575-615-11	CORD (WITH CONNECTOR)
3-302-708-00	COVER, CONNECTOR
3-336-617-01	BAG, PROTECTION
3-355-210-01	COVER (2), PIN JACK
*3-355-286-01	CUSHION (UPPER)
*3-355-287-01	CUSHION (LOWER)
*3-360-115-01	INDIVIDUAL CARTON
3-751-548-51	MANUAL, INSTRUCTION
3-751-549-51	MANUAL, INSTRUCTION

MOUNTING HARDWARE

No.	Part No.	Descrition
501	3-310-655-01	SUPPORT (ND), FITTING
502	3-302-126-01	SCREW TAPPING (DIA 5X20)
503	3-323-210-01	ADJUSTOR, STUD BOLT
504	3-323-209-01	BOLT (4-5), STUD
505	3-349-410-01	BUSHING

SUPPLIED MOUNTING HARDWARE



(MD SECTION)

Ref.No.	Part No.	Description		
920	1-634-332-11	PC BOARD, (A) FLEXIBLE		
921	*1-634-331-11	PC BOARD, LED		
922	*1-634-330-11	PC BOARD, SENSOR		
923	*A-3279-978-A	MOUNTED PCB, RF		
924	1-634-333-11	PC BOARD, (B) FLEXIBLE		
925	1-634-334-11	PC BOARD, (C) FLEXIBLE		
926	⚠8-848-124-11	DEVICE, OPTICAL KSS-168ARP		
C1	1-135-156-21	TANTAL. CHIP 47MF	20%	6.3V
C2	1-164-232-11	CERAMIC CHIP 0.01MF	10%	50V
C3	1-126-599-11	ELECT 330MF	20%	6.3V
C4	1-163-989-11	CERAMIC CHIP 0.033MF	10%	25V
C5	1-163-009-11	CERAMIC CHIP 0.001MF	10%	50V
C6	1-163-009-11	CERAMIC CHIP 0.001MF	10%	50V
C7	1-163-078-11	CERAMIC CHIP 0.033MF	10%	25V
C8	1-163-059-00	CERAMIC CHIP 0.01MF	10%	50V
C9	1-126-593-11	ELECT CHIP 0.47MF	20%	50V
C10	1-164-232-11	CERAMIC CHIP 0.01MF	10%	50V
C11	1-164-232-11	CERAMIC CHIP 0.01MF	10%	50V
C12	1-164-232-11	CERAMIC CHIP 0.01MF	10%	50V
C13	1-126-593-11	ELECT CHIP 0.47MF	20%	50V
C14	1-164-004-11	CERAMIC CHIP 0.1MF	10%	25V
C15	1-163-009-11	CERAMIC CHIP 0.001MF	10%	50V
C16	1-126-590-11	ELECT CHIP 22MF	20%	4V
C17	1-163-017-00	CERAMIC CHIP 0.0047MF	10%	50V
C18	1-164-004-11	CERAMIC CHIP 0.1MF	10%	25V
C19	1-163-989-11	CERAMIC CHIP 0.033MF	10%	25V
C20	1-126-592-11	ELECT CHIP 4.7MF	20%	16V
C21	1-164-004-11	CERAMIC CHIP 0.1MF	10%	25V
C22	1-164-004-11	CERAMIC CHIP 0.1MF	10%	25V
C23	1-126-591-11	ELECT CHIP 10MF	20%	6.3V
C24	1-126-594-11	ELECT CHIP 1MF	20%	50V
C25	1-126-594-11	ELECT CHIP 1MF	20%	50V
C26	1-163-077-00	CERAMIC CHIP 0.1MF	10%	25V
C27	1-163-077-00	CERAMIC CHIP 0.1MF	10%	25V
C29	1-126-590-11	ELECT CHIP 22MF	20%	4V
C30	1-126-590-11	ELECT CHIP 22MF	20%	4V
C31	1-126-590-11	ELECT CHIP 22MF	20%	4V
C34	1-163-809-11	CERAMIC CHIP 0.047MF	10%	25V
C35	1-163-017-00	CERAMIC CHIP 0.0047MF	10%	50V
C36	1-126-592-11	ELECT CHIP 4.7MF	20%	16V
C37	1-126-591-11	ELECT CHIP 10MF	20%	6.3V
C38	1-162-638-11	CERAMIC CHIP 1MF		16V
C39	1-162-638-11	CERAMIC CHIP 1MF		16V
C40	1-126-176-11	ELECT 220MF	20%	10V
C99	1-102-074-00	CERAMIC 0.001MF	10%	50V

Ref.No.	Part No.	Description
CNJ11	1-568-141-11	HOUSING, CONNECTOR 5P
CNJ12	1-568-142-11	HOUSING, CONNECTOR 13P
CNJ13	1-566-531-11	CONNECTOR, FPC (ZIF) 15P
CNJ14	1-566-531-11	CONNECTOR, FPC (ZIF) 15P
CNP10	*1-506-990-11	PIN, CONNECTOR (PC BOARD) 8P
D80	8-719-404-19	DIODE LN1251C
D81	8-719-404-19	DIODE LN1251C
D82	8-719-404-19	DIODE LN1251C
IC1	8-752-033-14	IC CXA1081Q
IC2	8-752-037-50	IC CXA1082BQ
IC3	8-752-334-28	IC CXD1167Q
IC4	8-759-821-76	IC LA6533
IC5	8-759-821-76	IC LA6533
JR1	1-216-296-00	METAL GLAZE 0 5% 1/8W
JR2	1-216-296-00	METAL GLAZE 0 5% 1/8W
JR3	1-216-296-00	METAL GLAZE 0 5% 1/8W
JR4	1-216-296-00	METAL GLAZE 0 5% 1/8W
JR5	1-216-296-00	METAL GLAZE 0 5% 1/8W
JR6	1-216-296-00	METAL GLAZE 0 5% 1/8W
JR7	1-216-296-00	METAL GLAZE 0 5% 1/8W
JR8	1-216-296-00	METAL GLAZE 0 5% 1/8W
JR9	1-216-296-00	METAL GLAZE 0 5% 1/8W
JR10	1-216-296-00	METAL GLAZE 0 5% 1/8W
JR11	1-216-296-00	METAL GLAZE 0 5% 1/8W
JR12	1-216-296-00	METAL GLAZE 0 5% 1/8W
JR13	1-216-296-00	METAL GLAZE 0 5% 1/8W
JR14	1-216-296-00	METAL GLAZE 0 5% 1/8W
JR15	1-216-296-00	METAL GLAZE 0 5% 1/8W
JR16	1-216-296-00	METAL GLAZE 0 5% 1/8W
JR17	1-216-296-00	METAL GLAZE 0 5% 1/8W
JR18	1-216-296-00	METAL GLAZE 0 5% 1/8W
JR19	1-216-296-00	METAL GLAZE 0 5% 1/8W
JR20	1-216-296-00	METAL GLAZE 0 5% 1/8W
JR21	1-216-296-00	METAL GLAZE 0 5% 1/8W
JR22	1-216-296-00	METAL GLAZE 0 5% 1/8W
JR23	1-216-296-00	METAL GLAZE 0 5% 1/8W
JR24	1-216-296-00	METAL GLAZE 0 5% 1/8W
JR25	1-216-296-00	METAL GLAZE 0 5% 1/8W
JR26	1-216-296-00	METAL GLAZE 0 5% 1/8W
JR27	1-216-296-00	METAL GLAZE 0 5% 1/8W
JR28	1-216-296-00	METAL GLAZE 0 5% 1/8W
JR29	1-216-296-00	METAL GLAZE 0 5% 1/8W
JR30	1-216-296-00	METAL GLAZE 0 5% 1/8W
JR31	1-216-296-00	METAL GLAZE 0 5% 1/8W
JR32	1-216-296-00	METAL GLAZE 0 5% 1/8W
JR33	1-216-296-00	METAL GLAZE 0 5% 1/8W

Note: The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

Ref.No.	Part No.	Description			
JR34	1-216-296-00	METAL GLAZE	0	5%	1/8W
JR51	1-216-295-00	METAL GLAZE	0	5%	1/10W
JR52	1-216-295-00	METAL GLAZE	0	5%	1/10W
JR53	1-216-295-00	METAL GLAZE	0	5%	1/10W
JR54	1-216-295-00	METAL GLAZE	0	5%	1/10W
JR55	1-216-295-00	METAL GLAZE	0	5%	1/10W
JR56	1-216-295-00	METAL GLAZE	0	5%	1/10W
JR57	1-216-295-00	METAL GLAZE	0	5%	1/10W
JR58	1-216-295-00	METAL GLAZE	0	5%	1/10W
JR59	1-216-295-00	METAL GLAZE	0	5%	1/10W
JR60	1-216-295-00	METAL GLAZE	0	5%	1/10W
JR61	1-216-295-00	METAL GLAZE	0	5%	1/10W
JR62	1-216-295-00	METAL GLAZE	0	5%	1/10W
JR63	1-216-295-00	METAL GLAZE	0	5%	1/10W
JR64	1-216-295-00	METAL GLAZE	0	5%	1/10W
JR65	1-216-295-00	METAL GLAZE	0	5%	1/10W
JR90	1-216-296-00	METAL GLAZE	0	5%	1/8W
JR91	1-216-296-00	METAL GLAZE	0	5%	1/8W
JR92	1-216-296-00	METAL GLAZE	0	5%	1/8W
L1	1-410-204-31	INDUCTOR CHIP 10UH			
L2	1-410-198-51	INDUCTOR CHIP 3.3UH			
LCD801	1-808-983-11	DISPLAY PANEL, LIQUID CRYSTAL			
M901	A-4910-183-A	MOTOR ASSY, SL (SLED)			
M902	1-541-448-41	MOTOR (SPINDLE)			
M903	A-3249-535-A	GEAR (A) ASSY (LOADING)			
PM901	1-454-461-11	SOLENOID, PLUNGER			
Q1	8-729-900-53	TRANSISTOR DTC114EK			
Q2	8-729-900-53	TRANSISTOR DTC114EK			
Q3	8-729-900-53	TRANSISTOR DTC114EK			
Q4	8-729-141-48	TRANSISTOR 2SB624-BV345			
Q90	8-729-402-08	TRANSISTOR PN147-LF			
Q91	8-729-402-08	TRANSISTOR PN147-LF			
Q92	8-729-402-08	TRANSISTOR PN147-LF			
R1	1-216-150-00	METAL GLAZE	10	5%	1/8W
R2	1-216-081-00	METAL GLAZE	22K	5%	1/10W
R3	1-216-057-00	METAL GLAZE	2.2K	5%	1/10W
R4	1-216-057-00	METAL GLAZE	2.2K	5%	1/10W
R5	1-216-081-00	METAL GLAZE	22K	5%	1/10W
R6	1-216-206-00	METAL GLAZE	2.2K	5%	1/8W
R7	1-216-097-00	METAL GLAZE	100K	5%	1/10W
R8	1-216-073-00	METAL GLAZE	10K	5%	1/10W
R9	1-216-073-00	METAL GLAZE	10K	5%	1/10W
R10	1-216-073-00	METAL GLAZE	10K	5%	1/10W
R11	1-216-061-00	METAL GLAZE	3.3K	5%	1/10W
R12	1-216-103-00	METAL GLAZE	180K	5%	1/10W
R13	1-216-121-00	METAL GLAZE	1M	5%	1/10W
R14	1-216-105-00	METAL GLAZE	220K	5%	1/10W
R15	1-216-085-00	METAL GLAZE	33K	5%	1/10W
R16	1-216-085-00	METAL GLAZE	33K	5%	1/10W
R17	1-216-085-00	METAL GLAZE	33K	5%	1/10W
R18	1-216-081-00	METAL GLAZE	22K	5%	1/10W
R19	1-216-081-00	METAL GLAZE	22K	5%	1/10W
R20	1-216-085-00	METAL GLAZE	33K	5%	1/10W
R21	1-216-085-00	METAL GLAZE	33K	5%	1/10W

Ref.No.	Part No.	Description			
R22	1-216-097-00	METAL GLAZE	100K	5%	1/10W
R23	1-216-097-00	METAL GLAZE	100K	5%	1/10W
R24	1-216-103-00	METAL GLAZE	180K	5%	1/10W
R25	1-216-210-00	METAL GLAZE	3.3K	5%	1/8W
R26	1-216-085-00	METAL GLAZE	33K	5%	1/10W
R27	1-216-085-00	METAL GLAZE	33K	5%	1/10W
R28	1-216-081-00	METAL GLAZE	22K	5%	1/10W
R29	1-216-081-00	METAL GLAZE	22K	5%	1/10W
R30	1-216-085-00	METAL GLAZE	33K	5%	1/10W
R31	1-216-097-00	METAL GLAZE	100K	5%	1/10W
R32	1-216-076-00	METAL GLAZE	13K	5%	1/10W
R33	1-216-076-00	METAL GLAZE	13K	5%	1/10W
R34	1-216-059-00	METAL GLAZE	2.7K	5%	1/10W
R35	1-216-114-00	METAL GLAZE	510K	5%	1/10W
R36	1-216-059-00	METAL GLAZE	2.7K	5%	1/10W
R37	1-216-103-00	METAL GLAZE	180K	5%	1/10W
R38	1-216-097-00	METAL GLAZE	100K	5%	1/10W
R39	1-216-097-00	METAL GLAZE	100K	5%	1/10W
R40	1-216-097-00	METAL GLAZE	100K	5%	1/10W
R41	1-216-073-00	METAL GLAZE	10K	5%	1/10W
R42	1-216-073-00	METAL GLAZE	10K	5%	1/10W
R43	1-216-198-00	METAL GLAZE	1K	5%	1/8W
R44	1-216-198-00	METAL GLAZE	1K	5%	1/8W
R45	1-216-198-00	METAL GLAZE	1K	5%	1/8W
R46	1-216-049-00	METAL GLAZE	1K	5%	1/10W
R47	1-216-229-00	METAL GLAZE	20K	5%	1/8W
R48	1-216-220-00	METAL GLAZE	8.2K	5%	1/8W
R49	1-216-246-00	METAL GLAZE	100K	5%	1/8W
R50	1-216-085-00	METAL GLAZE	33K	5%	1/10W
R51	1-216-081-00	METAL GLAZE	22K	5%	1/10W
R52	1-216-081-00	METAL GLAZE	22K	5%	1/10W
R53	1-216-081-00	METAL GLAZE	22K	5%	1/10W
R54	1-216-081-00	METAL GLAZE	22K	5%	1/10W
R55	1-216-024-00	METAL GLAZE	91	5%	1/10W
RV1	1-238-205-11	RES, ADJ, METAL GLAZE 22K			
RV2	1-238-206-11	RES, ADJ, METAL GLAZE 47K			
RV3	1-238-665-11	RES, ADJ, CERMET 22K			
RV4	1-238-665-11	RES, ADJ, CERMET 22K			
RV5	1-238-662-11	RES, ADJ, CERMET 2.2K			
SW80	1-571-754-11	SWITCH, PUSH (1 KEY)			
SW81	1-571-754-11	SWITCH, PUSH (1 KEY)			
SW90	1-554-938-11	SWITCH, LEAF			
SW91	1-554-938-11	SWITCH, LEAF			
TH1	1-808-656-11	THERMISTOR			
TH2	1-808-656-11	THERMISTOR			